

ANALYSIS OF GRADE POINT AVERAGE BASED ON NEW STUDENTS REGISTRATION SELECTION FACULTY OF ECONOMIC UNJ (2017)

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ABSTRACT

The objective of this study is to analyze the students which taking classes on time four years and analyze the Grade Point Average based on new students registration selection into four ways, namely: SNMPTN, SBMPTN, PENMABA and Exchange Program Faculty of Economics UNJ.

This study uses a quantitative approach with descriptive method of presentation that uses a form of tables and graphs histogram to make it easier to analyze the data.

From the results of calculations using the comparison in terms of percentage, the results are: students with SNMPTN have a larger percentage amount for studying on time compared with SBMPTN. Similarly, SBMPTN students have a number greater than the percentage of PENMABA or Exchange Program.

For the Grade Point Average above 3.5, SBMPTN has a greater percentage when compared with SNMPTN. Conversely, the Exchange Program has the lowest percentage of on time study completion compared with the other pathways. While the Grade Point Average is the has the highest second position after SBMPTN. Overall with a total of 708 students, 403 students or 56.9% on time in completing the study.

Keywords:

SNMPTN, SBMPTN, PENMABA and Exchange Program.

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INTRODUCTION

Based on Law Number 12 Year 2012 on Higher Education, Government Regulation Number 4 Year 2014 on the Implementation of Higher Education and Management of University, Regulation of the Minister of Research, Technology and Higher Education, Number 126 Year 2016 on the Admission of New Students of Undergraduate Program at State University, conducted through: National Selection of State University Entrance (SNMPTN), Joint Selection of State University (SBMPTN), and PENMABA Selection.

Jakarta State University (UNJ) is one of the State Universities of 85 state universities in Indonesia. As with other PTN, UNJ also uses an independent

path which in this case is named PENMABA to provide a third chance for prospective students who have not been accepted in SBMPTN and who want to study at UNJ. This year UNJ open registration PENMABA after SBMPTN exams announced.

Total students received in the Faculty of Economics year 2013/2014 is 908 students. It consists of students who are accepted through SNMPT selection lines, SBMPTN, PENMABA, and selection path Program Transfer. In the path PENMABA year 2013/2014 only accept D3 (Diploma-3), namely D3 Accounting, D3 Secretary, and D3 Marketing. Table 2 below describes the distribution of student admissions by four lines as follow:

Table 2. Number of Prospective Students by Passing Selection of SNMPTN, SBMPTN and PENMABA and Program Transfer on each Prodi Year 2013/2014

No	St. Program	Pass Selection				Total
		SNMPTN	SBMPTN	PENMABA	Program Transfer	
1	Economy education	115	117	-	-	232
2	Commerce education	45	46	-	-	91
3	Management	81	78	31	31	211
4	Accounting	83	78	34	34	229
5	D3 Accounting	-	-	69	-	69
6	D3 Secretary	-	-	37	-	37
7	D3 Marketing	-	-	39	-	39
Jumlah		324	319	210	65	908

First Stage, the acceptance of SNMPTN students based on high school academic achievement from the first semester with high achievement and consistent until fifth semester shows the increasing achievement, get the opportunity to be prospective students in PTN that are interested in SNMPTN. Thus it can be predicted that

when a student from semester 1 (one) will perform consistently and continuously until the final semester. Successful completion of study at PTN on time and has a high academic achievement index.

The second stage is the SBMPTN line after the first stage (SNMPTN) failed, given the opportunity to use the

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test track. Thus it can be predicted that participants with SBMPTN selection lines can be said to have academic value under SNMPTN participants. Thus the possibility of becoming a student has a slightly lower achievement index when compared with SNMPTN student lanes.

Third stage, Selection of candidates for PENMABA lane students which is the last selection on PTN. For UNJ the PENMABA selection line is called PENMABA. Prospective students who have not succeeded in the second phase for a while can be predicted that the prospective student will have a lower achievement index than the first and second line students.

Faculty of Economics UNJ no other selection path after PENMABA is Program Transfer. The prospective student is already working so the lack of time to learn. Predicted achievement index is smaller than other path.

The four paths with the four allegations can certainly be rejected, therefore it should be further investigated the truth of these allegations by looking at the achievement index for the next 4 (four) years and comparing the achievement indexes of the four lines and the number of graduates.

THEORETICAL STUDY

According to Stanley and Juan (2014), national selection to enter public university (SNMPTN) is acceptance the first freshman to be held for entering PTN starting with selection 25% the best student in an accredited school. RISTEKDIKTI (2017) states that national selection entered state university (SNMPTN) is a selection based on the track of academic achievement. Based on the understanding can be synthesized that SNMPTN is one form of student admissions selection path to enter public universities conducted simultaneously throughout Indonesia based on

academic achievement and under the coordination of the central government. John et al (2015) suggests that SNMPTN is a national selection to enter public universities on the basis of report cards and other achievements.

According to MENRISTEKDIKTI (2017) the purpose of SNMPTN is as follow:

- a. Give chance to high school students, vocational, MA, or its equivalent in foreign and domestic (School of the Republic of Indonesia / SRI), which have superior performance to pursue education high in PTN.
- b. Provide opportunities to PTN to get new students who have high academic achievement.

RISTEKDIKTI (2017) the next selection is SBMPTN. Selection based on written test results (paper based testing) or computer-based testing, or a combination of written exam results and candidate student skills examinations, is conducted jointly under the coordination of the central committee.

At the higher education level, Achievement Index calculated as the average norm value obtained by a student on the course after a given weight to the "Credit Score". The value norms range from 4 (A, best) to 0 (E, fail). The Credit Score is determined by the amount (usually 1 to 4 Semester Credit Units / SKS) based on the weight of each course. This weight is determined based on the importance of the course in establishing the competence of graduates.

To obtain a high credit score and to complete the lecture on time then the students need to learn. Learning is a major requirement. Learning to make a human experience changes in his life resulting from experience that has been obtained. This is reinforced by Dimiyati and Mujiono (2010) which states: Learning is a primary requirement for

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every human being. By learning humans will experience the process of intelligence. According Skinner (2010) learning is a behavior, when a person learns, then the response becomes better, on the contrary, if he does not learn then the response will decrease. Likewise with Gagne in Dahar (2011) learning is defined as a process in which an organization changes its behavior as a result of experience. Based on the expert's understanding can be concluded that learning is an action that made someone who leads to behavior changes to a better direction.

RESEARCH METHODOLOGY

The place research at the Faculty of Economics state University of Jakarta. Study time is 7 months from March to October 2017. The population of this study is all Economics students in one year of students who enter the lecture year 2013/2014. As for the reason to study the students of the year 2013/2014 because in September 2017 they have been educated for 4 (four) years or 8 semesters. A 4-year course is a minimum or passing time limit.

The sample to be studied is the whole of the population class of 2013/2014 consisting of 8 (eight) Study Program namely Prodi S1 Management, D3 Marketing, S1 Accounting, D3 Accounting, S1 Business Education, S1 Cooperative Economic Education, S1 Accounting Education, S1 Office Administration Education as well as D3 Study Program Secretary. Total students that year was 908 students. Since the whole number is selected as a sample then this technique is said to be census.

How to calculate what the goal is by:

Timely Graduation = $n / N \times 100\%$

Information:

n = the number of graduation

N = total population

% = percentage

RESULTS AND DISCUSSION

This discussion describes the analysis of the number of graduates on time completion of the lecture within 4 years to hold a bachelor's degree, as well as analyzing the student's timely cumulative achievement index over 3.5 for SNMPTN selection lines, SBMPTN selection lines, PENMABA, and selection path program. All of these paths will be discussed one by one based on the study program, based on the entry point, and based on the academic achievement index.

From the secondary data obtained in the academic department of the Faculty of Economics UNJ then obtained the data globally number of students year 2013/2014 as many as 908 students who then tabulated, processed, and calculated based on the interests and objectives of the study. Below is presented data on the number of students received from 4 (four) paths namely SNMPTN, SBMPTN, PENMABA, and Program Transfer, the number of pass on time and the number of pass on time with an index of achievement above 3.5 students of the Faculty of Economics in 2013/2014.

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Table2. Number of Undergraduate Students by Path, Timely Graduation and Achievement Indexes in 2013/2014

NO	Path	Total Student	Graduated (4 Years)		Trade Point			
			Total	%	> 3.5		<3.5	
					Total	%	Total	%
1	SNMPTN	324	267	82.4	193	72.3	74	27.7
2	SBMPTN	319	121	37.9	103	85.1	18	14.9
3	PENMABA	0	0	0	0	0	0	0
4	Program Transfer	65	15	23.1	12	80.0	3	20.0
	TOTAL	708	403	56.9	347	70.8	143	29.2

Source: Secondary Data processed in 2017

After four years of study there were 403 people who graduated (on time 4 years) or in percentage of 56.9%. A number passed by having an achievement index above 3.5 of the graduated number (403 persons) is 347 people or 70.8%. In the SNMPTN path when detailed more is based on the study program it will be seen the number of students who graduated on time and graduated with the value of index achievement above 3.5 is very varied.

The next will be discussed in more detail about the timely graduation of students and the cumulative achievement index (GPA) which is above 3.5 of the number that pass on time, based on the selection path. Table 3, below is the Faculty of Economics students who entered through SNMPTN selection in 2013/2014 and the number of students SNMPTN who graduate on time and the number of students who graduate on time reaching a cumulative achievement index as follows:

Table3. Graduate Student Right Time, GPA above 3.5 2013 Path selection SNMPTN

Program Studies	Total College student	Graduated (4 Years)		grade point			
		Total	%	≥ 3.5		≤ 3.5	
				Total	%	Total	%
Economic Education	115	79	68.7	70	88	9	12
Education Commerce	45	41	91.1	32	78	9	22
Accounting	83	82	98.8	56	68	26	32
Management	81	65	80.2	35	54	30	46
TOTAL	324	267		193		74	

Source: Secondary Data processed in 2017.

Accounting Study Program has the highest percentage of on-time graduation that is equal to 98.8%, of the number of students entering college that year. However, if the performance index is seen then the GPA above 3.5 has a sequence to the third of 56% of the number of pass on time.

Below is presented Table 4, the data of students entering through the SBMPTN in 2013 and the number of students who graduated on time for 4 years and the number of students achieving the highest cumulative achievement index (GPA above 3.5) can be seen in table 4 below:

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Table 4. Student Pass on Time, GPA above 3.5 Year 2013 SBMPTN line

Study program	Number of Students	Graduated (4 Years)		Achievement Index			
		Total	%	≥ 3.5		≤ 3.5	
				Total	%	Total	%
Economic Education	117	84	71.8	71	85	13	15
Education TN	46	35	76.1	31	89	4	11
Accounting	78	2	2.6	1	50	1	50
Management	78	0	0.0	0	0	0	0
TOTAL	319	121		103		18	

Source: Secondary Data processed in 2017

The flow of SBMPTN of the Business Education Study Program has the highest percentage at the graduation rate on time compared to other study programs that is 76.1% of the total number of students entering the lecture that year. Similarly, the index achievement above 3.5 was the highest Study Program in the percentage of 89% of students who graduated on time.

On the PENMABA line for the Faculty of Economics in 2013/2014 only receive the Diploma 3 (three) minimum courses for graduation is 3 years,

because the purpose of the research is to analyze the undergraduate students then the Diploma 3 program is not included in the research.

The next lane track is Transfer Program. For the Faculty of Economics there are 2 (two) S1 study programs that are accepted Accounting Study Program and Management Study Program. Table 5 below explains the details of graduate program students who graduated on time and achievement indexes above 3.5 based on the Program Transfer path year 2013/2014.

Table 5. Student Pass on Time, GPA above 3.5 Year 2013 Line Program Transfer

Study program	Number of Students	Graduated (4 years)		Trade Point			
		Total	%	> 3.5		<3.5	
				Total	%	Total	%
Accounting	34	10	29.4	9	90	1	10
Management	31	5	16.1	3	60	2	40
TOTAL	65	15		12		3	

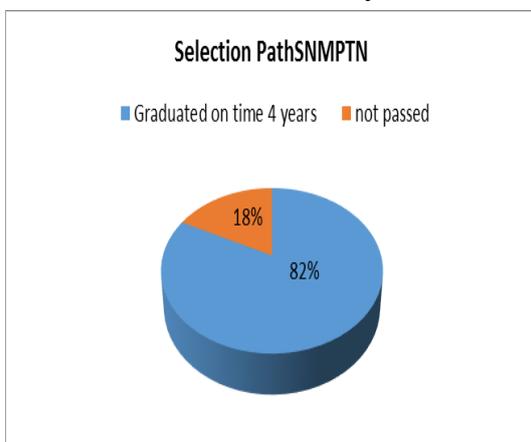
Source: Secondary Data processed in 2017

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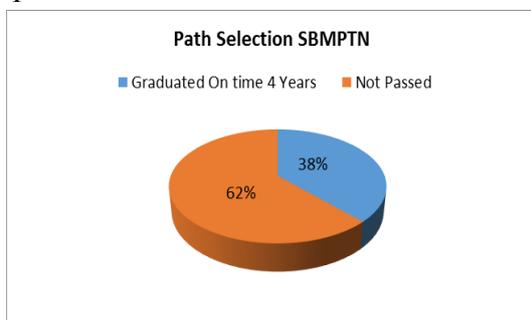
Study Program Accounting the highest level of graduation on time is 29.4% of the number of students who graduated on time. Achievement index is also the highest in percentage that is 90% of students who pass on time have index achievement above 3.5.

The following graph shows the Circle Data on students who graduate on time during the four-year class of 2013/2014 based on the path selection SNMPTN, SBMPTN, PENMABA and Interpretation Program at Faculty of Economics, State University of Jakarta:



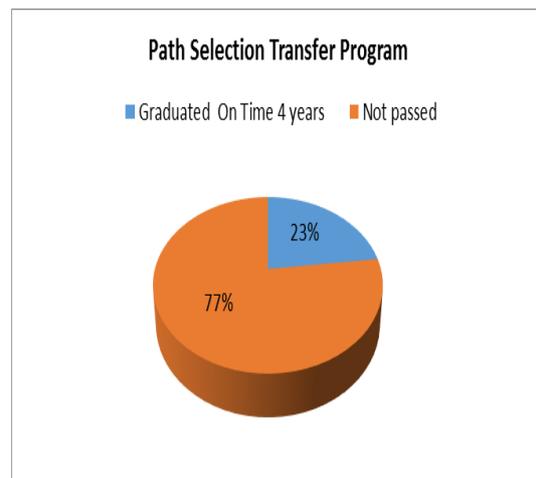
Graph 1. SNMPTN Selection Path

Based on the picture above shows that 82% of students accepted in the Faculty of Economics by using SNMPTN section pass with a pass on time (4 years) from the number of students of 324 people. As for the selection point SBMPT students who graduated on time, can be seen in the graph-2 presented below.



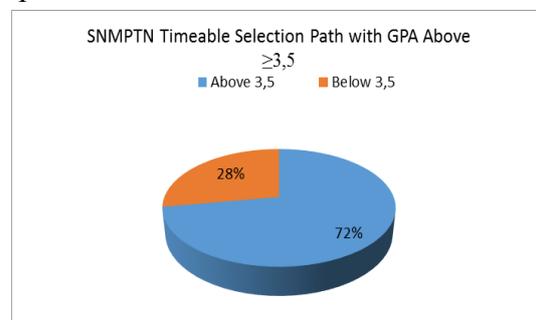
Graph 2 .SBMPTN Selection Path

Based on the picture above shows that 38% of students who received by using SBMPTN line can pass on time from the number of students of 319 people. As for the selection path of Student Program that graduated on time, can be seen on graph-3 presented below.



Graph 3. Program Transfer Selection Path

Based on the picture above shows that 23% of students who received by using the path Program Transfer can pass on time from the number of students amounted to 65 people. From the graph above who passed on time for 4 years have different achievement indeks. In this study will be discussed students who have a grade point above or equal to 3.5. The Circle chart below explains the GPA above or equal to 3.5 based on the fourth selection path.



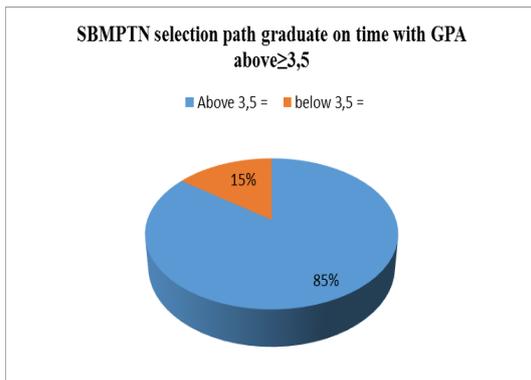
Graph 4. Students pass on Time with GPA > 3.5

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Based on the above figures it can be seen that 72% of students accepted by SNMPTN line can pass on time with a grade point average (GPA) above 3.5 of the total on-time graduation of 267 people.

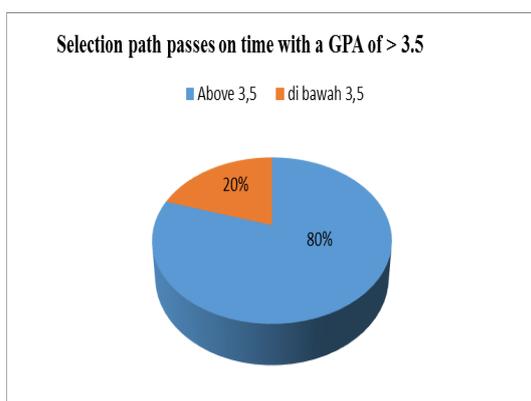
While the graph below 5 describes the GPA of 3.5 on students who graduated on time in 2013.



Graph 5. Students pass Timely on SBMPTN Line with GPA > 3.5

Based on the picture above, it can be seen that 85% of students who received by using the BMPTN S line can pass on time with a GPA above or equal to 3.5 of the total of 121 students.

The last path is the program selection path. The following chart below explains the number of students who get a GPA above or equal to 3.5 with a pass on time of 4 years.



Graph 6. Students pass Timely Track Program Path with GPA > 3.5

Based on the picture above shows that 80% of students who received by using SNMPTN line can pass on time get the GPA value above or equal to 3.5 of the number of students for 15 people.

CONCLUSION

Based on the above discussion, it can be concluded as follows:

1. Based on path SNMPTN, students SNMPTN pathway in the Accounting study program is students are in between majors others right time in complete time lectures, however for index achievement academic best on college student SNMPTN line, Economy Education Study Program is superior compared to the study program others with an average of 88% of college student Education Economics SNMPTN lines that pass get index achievement academic above 3.5 (≥ 3.5).
2. Based on path SBMPTN, students SBMPTN lanes on a course trade system is students are in between majors others right time in complete time lectures and index achievement obtained academic by college student the SNMPTN course of the Commerce study program more superior compared to the study program others with an average of 89% of college student Education trade system the passing SBMPTN line gets index achievement academic above 3.5 (≥ 3.5).
3. Based on path enter PENMABA, student path PENMABA on study program Secretary and Management Marketing is students are in between majors others right time in complete time lectures and index achievement obtained academic by college student

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- PENMABA track courses Secretary more superior compared to the study program others with an average of 59% of students of study program Secretary the path of PENMABA graduating get index achievement academic above 3.5 (≥ 3.5).
4. Based on path sign in Program Transfer, student path Transfer Programs on course Accounting is students are in between majors others right time in complete time lectures and index achievement obtained academic by college student path Transfer Programs on course Accounting more superior compared to the study program others with an average of 90% of students of Accounting study program path. The graduate program transfer gets index achievement academic above 3.5 (≥ 3.5).
- Based on all path entry, SNMPTN, SBMPTN, PENMABA and Program Transfer, Index Achievement Academic best there on SBMPTN line where 85% of students the passing SBMPTN junks have index achievement academic above ≥ 3.5 .
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