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4. GRADUATE PROGRAM

4.2   Education System

4.2.1 Method of Education Delivery

The delivery of education services is carried out by using credits (SKS) as a measurement of evaluating students' learning outcomes.

Credit is a way of organizing higher education programs to explain its academic weight.
The semester is a minimum period that describes the duration of the education program.

The General Objective of the credits (SKS) method is to enhance the extent to which higher education can be developed. It involves the presentation of education programs that are flexible and more varied, gives greater opportunity to students when choosing programs, and focuses on planning a definite professional path.

The specific objectives are:
1.   Allow the students who are clever and diligent to finish their study in a minimum duration.
2.   Allow the students to choose the subject according to their interest, talent, and capacity.
3.   Give the possibility to the execution of the education system with plural input and output.
4.   Facilitate the adaptation of the curriculum to the rapid development of knowledge and technology.
5.   Enables the evaluation system of advance learning of the students could be conducted optimally.

Basic Characteristic of Credit is:
In the credit system, each subject has a weight, namely credit value. The number of the credit value of subjects is various. It is determined by the effort to finish the tasks presented in the lecture program, job training, practical work, and other tasks.

In the credit system, each subject is finished in one semester that lasts for 12-16 weeks (exclude mid-exam and final exam). In addition to quantitative valuation, credit system acknowledges that the finishing of the study unit could be valued quantitatively by giving a weight to the relevant unit — the weight of each subject, namely credits.
One credit is made up of:
1.   An academic hour of scheduled face to face learning in the classroom with lecturers.
2.   An academic hour of structured academic activity which is not scheduled but has been planned by education staff (lecturers), e.g.: review session or seminar.
3.   An academic hour of independent academic activity like reading, summarizing, working on papers etc.

The delivery of education at Binus Graduate Program, BINUS UNIVERSITY is achieved through teaching materials, discussion, speeches, case studies, and conducting research.

4.2.2 Evaluation System

Evaluation in Final Score of Master Score

Table of Evaluation System Scoring for Master Program

Element		
Score of Assignment	**Score of Paper / Project**	**Score of Final**
30 %	30 %	40%

The evaluation system that meets the objectives of the education is varied according to each courses needs.

The evaluation system in the doctoral program is divided into course work, publications, and dissertations. Each of these sections has a rubric assessment.

The Final Score for the semester is presented with the following Alphabetical Values:
Presented with the following Alphabetical Values:

Table of Grading System for Master Program and Doctorate Program

Alphabetical Value	Weight	Final Score of Semester	Description
A	4	90 – 100	High Distinction
A-	3.67	85 – 89	Distinction
B+	3.33	80 – 84	Satisfactory
B	3	75 – 79	Pass
B-	2.5	70 – 74	Fail
C	2	65 – 69	
D	1	50 – 64	
E	0	0 – 49	
F	0	-	Incomplete

4.2.3 Credits Load in One Semester

Study load in one semester can be determined by individual ability and by looking at the students' results from the last semester, which are measured by Semester Grade Point Average (IPS/GPS), or all of the semesters by Cumulative Grade Point Average (IPK/GPA).

Semester Grade Point Average (IPS/GPS) is counted as follow:

$$\text{GPS} = \frac{\sum (KN)}{\sum K} = \frac{\sum M}{\sum K}$$

Cumulative Grade Point Average (IPK/GPA) is counted as follow:

$$GPA = \frac{\sum M}{\sum L}$$

K = Number of credits taken in related semester

N = Weight of each subject taken

M = Conversion Value (K x N)

L = Number of pass credits

4.2.4 The Requirement and Regulation of the Evaluation on the Students' Progress in Studying

Studying Success Evaluation of Professional Engineer Program (PEP)

The students must fulfil the following requirements:

- Passing the final examination of the thesis (Engineering Practise Report) and collect its soft covers.
- Obtaining minimum cumulative credits of 24 (including the thesis).
- Achieving a GPA at a minimum of 3,00.
- Have evident of submitted/accepted paper at Colloquium Seminar, National/International Seminar/Journal for students who take the research path.

Studying Success Evaluation of Graduate Program (S2)

The students must fulfil the following requirements:

- Passing the final examination of the thesis and collect its soft covers.
- Obtaining minimum cumulative credits of 42 (including the thesis).
- Achieving a GPA of minimum 3,00.
- Achieving TOEFL scores at a minimum of 475 or equivalent.
- Not having an outstanding loan (finance, library, and administration).
- Having a paper accepted at Scopus indexed Journal or at a nationally accredited Journal.

Studying Success Evaluation of Graduate Program (S3)

For the Doctoral Program, the students must fulfil the following requirements:

- Not having an outstanding loan (finance, library, and administration).
- Passing the final examination of the Dissertation and collect its Hard Covers (1 exemplar) and softcopy.
- Collecting the Dissertation summary.
- Passing all offered courses in the curriculum with minimum grade B.
- Achieving a GPA of minimum 3,00.
- Collecting Intelectual Property Form.
- Must published or at least in published stage two articles into journal that indexed by SCOPUS and published and presented at least one paper on International Conference that proceedings indexed by SCOPUS.

4.2.5 Thesis

Before the graduation, the student is required to prepare, present and defend his/her thesis in front of the board of examiners, and then publish it in journals at the national and international levels. In accordance with his/her interests, the student can choose one of the three patterns thesis offered: (i) Research, (ii) Internship Project, and (iii) Case Study. Thesis research pattern is the result of analysis got from field data obtained through a survey or an experiment, based on the applied scientific principles. While Thesis Internship Project pattern is a designed solution to the strategic problem faced by a company or organization. Thesis Case Study pattern presents a case study of an issue, data, and information related to the activities of a company or organization as well as deeply review/discuss the case. The thesis is prepared individually with the guidance of a supervisor appointed by the head of the department. Each thesis pattern is described in detail in the Guidance of Thesis Writing.

4.2.6 Dissertation

To fulfill the requirements for obtaining a doctoral degree (Dr), Students should finish and submit the dissertation in 4 stages: (i) Dissertation proposal (research proposal) and dissertation proposal exam, (ii) Research Findings and Research Findings Exam, (iii) Dissertation Defense 1, and (iv) Dissertation Defense 2 (Open Dissertation Exam). In order to fulfill the mission of Doctoral degree Program which is to advance knowledge as well as to produce high quality research by integrating science, using the best practices, and leveraging ICT, then the dissertation must consist of either ICT as a research tool, research area, research context, or the combination of all those three.

4.2.7 Academic Title

Students have the rights to carry the academic degree/professional degree from BINUS UNIVERSITY once he/she has completed and fulfilled the requirements to the academic award. The degree awarded is based on the government regulation.

Programs	Study Level	Academic Title
Computer Science	S2	Magister Teknik Informatika (M.T.I.)
Information Systems Management	S2	Magister Manajemen Sistem Informasi (M.M.S.I.)
Industrial Engineering	S2	Magister Teknik (M.T.)
Accounting	S2	Magister Akuntansi (M.Ak.)
Communication Science	S2	Magister Ilmu Komunikasi (M.I.Kom.)
Professional Engineer Program	Professional	Insinyur (Ir.)
Doctor of Computer Science	S3	Doktor (Dr.)