Bachelor of
INFORMATION TECHNOLOGY

Faculty of Engineering, Universitas Muhammadiyah Palembang

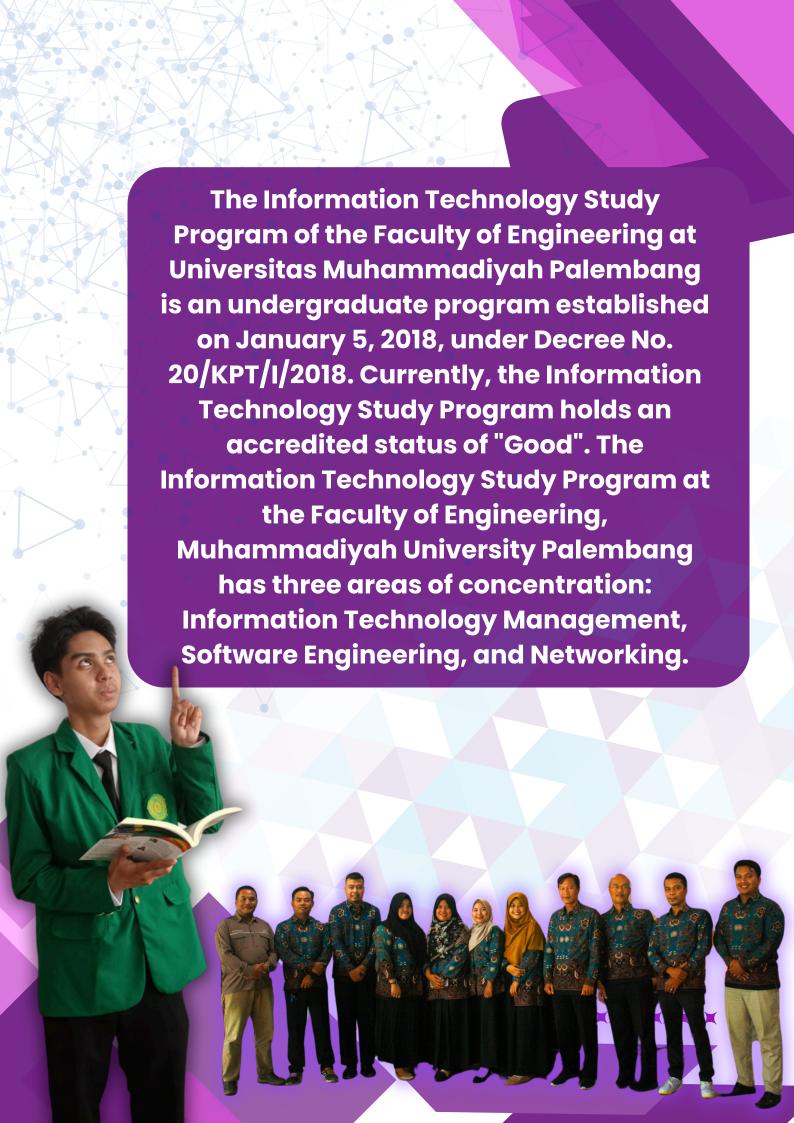The Information Technology Study Program of the Faculty of Engineering at Universitas Muhammadiyah Palembang is an undergraduate program established on January 5, 2018, under Decree No. 20/KPT/I/2018. Currently, the Information Technology Study Program holds an accredited status of "Good". The Information Technology Study Program at the Faculty of Engineering, Muhammadiyah University Palembang has three areas of concentration: Information Technology Management, Software Engineering, and Networking.

VISION

Become a study program that produces outstanding and Islamic graduates, capable of competing nationally and progressing towards international recognition in the development and application of information technology.

MISSION

1. **Organizing and enhancing excellent Information Technology education based on Information Technology and Islamic knowledge.**
2. **Enhancing the quality of research in the Information Technology field to International Standards.**
3. **Improving the quality of community service in the Development and Implementation of Information Technology.**
4. **Enhancing a conducive Academic Culture in the Teaching and Learning process.**
5. **Integrating Islamic and Muhammadiyah values with Science and Technology towards Moral and Professional Nobility in the Information Technology field.**

CURRICULUM

SEMESTER 1

1. **Al-Islam and Kemuhammadiyahan I (Humanity**   **(2 credits)**
   and faith)/ Islamic Education   **(3 credits)**
1. **Pancasila and Nationality**   **(3 credits)**
2. **Basic Programming**   **(2 credit)**
3. **Practicum of Basic Programming**   **(1 credit)**
4. **Calculus**   **(3 credits)**
5. **Algorithm and Data Structure**   **(2 credit)**
6. **Practicum of Algorithm and Data Structure**   **(1 credit)**
7. **Introduction of Cyber Security**   **(3 credits)**
8. **Multimedia Technology**   **(2 credits)**
9. **Practicum of Multimedia Technology**   **(1 credit)**

SEMESTER 2

1. **AIK II (Worship and Social Intercations)**   **(2 credits)**
2. **English**   **(2 credits)**
3. **Indonesian**   **(2 credits)**
4. **Database**   **(2 credits)**
5. **Practicum of Database**   **(1 credit)**
6. **Human Computer Interaction**   **(3 credits)**
7. **User Interface and User Experience**   **(3 credits)**
8. **Linear Algebra**   **(3 credits)**
9. **Physics and electronics Information Technology**   **(2 credits)**

SEMESTER 3

1. AIK III (Islamic Renewal Movement) (2 credits)
2. Discreate Mathematics (3 credits)
3. Computer Network (2 credits)
4. Practicum of Computer Network (1 credit)
5. Cyber Security Technology (3 credits)
6. Web Programming (2 credits)
7. Practicum of Web Programming (1 credit)
8. System Integration (3 credits)
9. Platform Technology (3 credits)

SEMESTER 4

1. AIK IV (Islam and Science) (2 credits)
2. Probability and Statistic (3 credits)
3. Cyber Security Management (3 credits)
4. Object Oriented Programming (2 credits)
5. Practicum of Object Oriented Programming (1 credit)
6. Cloud Computing (3 credits)
7. Capstone Project (Analysis and Design) (3 credits)
8. Technopreneurship (2 credits)
9. Preference Subject I (3 credits)

SEMESTER 5

1.	AIK V (Rhetoric and PHIWM)	(2 credits)
2.	Internet of Things	(2 credits)
3.	Practicum of Internet of Things	(1 credit)
4.	Mobile Programming	(2 credits)
5.	Practicum of Mobile Programming	(1 credit)
6.	Pre-Final Project (Implementation and Testing)	(3 credits)
7.	English for Academic Writing	(2 credits)
8.	Software Design and Testing	(2 credits)
9.	Practicum of Software Design and Testing	(1 credit)
10.	Field Work Lectures	(2 credits)
11.	Preference Subject II	(3 credits)

SEMESTER 6

1.	AIK VI (Islam and Science and Technology	(2 credits)
2.	System Administration	(2 credits)
3.	Practicum of System Administration	(1 credit)
4.	Platform Based Software Development	(2 credits)
5.	Practicum of Platform Based Software Development	(1 credit)
6.	Research and Development Methodology	(3 credits)
7.	Internship	(2 credits)
8.	Field Study and Community Service	(4 credits)
9.	Preference Subject III	(3 credits)

SEMESTER 7

1. **Professional Ethics of Information Technology** **(3 credits)**
2. **Scientific Publication** **(3 credits)**
3. **Technological Humanity Project** **(2 credits)**
4. **Information Technology Project Management** **(3 credits)**
5. **Preference Subject IV** **(3 credits)**
6. **Preference Subject V** **(3 credits)**

SEMESTER 8

1. **Thesis** **(6 credits)**

REQUIREMENTS

To apply for this study program, applicants must meet the following criteria:

1. Maximum age of 30 years old.
2. Possess a senior high school diploma or its equivalent. (Please provide scanned copies of the academic certificate and academic transcript in English).
3. Proficiency in English, at least at a passive level.

TUITION FEES

INDONESIAN STUDENTS

Rp 5.250.000/Semester

INTERNATIONAL STUDENTS

Rp 5.250.000/Semester

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