

# IMPROVING SOFTWARE ENGINEERING PROGRAMME FROM STUDENTS' PERCEPTION

## INTRODUCTION

Software Engineering is one the programme under Bachelor of Computer Science offered by Faculty of Computer Science and Information Technology, UNIMAS. The MQA has suggested the programme to change the degree to Bachelor of Software Engineering according to the Programme Standards by MQA.

## OBJECTIVES



- To identify current problems with the existing curriculum structure.



## MEASURED CRITERIAS

- Curriculum Structure (study plan)
- Course Contents
- Academicians
- Teaching & Learning facilities
- Assessment Method
- Course Delivery
- Academic Advisory



## METHODOLOGY

- Restructure the curriculum to fulfill MQA standards.
  - Data collection from the survey (students)
  - Document analysis from valid sources such as SWEBOK.



## RESPONDENTS

- N= 102 students
  - 47.1 % - 3rd Year
  - 28.4 % - 2nd Year
  - 20.6 % - 4th Year
  - 3.9 % - 5th Year



## FINDINGS

### STRENGTHS



3

Assessment Methods (50%)  
Course contents (47.1%)  
Curriculum Structure (44.1%)

### WEAKNESSES



3

Course Delivery (37.3%)  
Course contents (29.4%)  
Teaching & Learning facilities (26.5%)

## SUGGESTED IMPROVEMENTS



- Students need more exposure and examples especially for programming related course, eg: more lab session and guidance from senior.
- Course contents listed as the strength and weakness, and need to be improved based on SWEBOK.
- Provide more conducive learning environment to the students.

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