

# **Tuning South East Asia - TASE**

## **Third General Meeting**

### **Student Workload and its link to Tuning**

**Pablo Beneitone and Edurne Bartolome**



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# Content

1. Student workload and Tuning
2. Measuring Student Workload



# Student workload and Tuning



- **Student** has a **fixed amount of time** which is depending on the length / type of degree programme.
- Overall responsibility for designing a degree programme and the allocation of credits lies with the responsible legal body.
- Final responsibility for TLA activities for particular amount of time is delegated to the teacher.
- **Teacher** should be aware of **competences and LO** for course.
- **Teacher** should reflect on **most effective TLA strategies for LO**.
- **Teacher** should have a **good notion of time required for each activity**.
- **Student** has crucial role in **monitoring process**.

# Measure student workload

Civil  
Eng.

Teacher  
Education

Medicine

**STUDENT  
WORKLOAD**

# Measure student workload

**Academics**

**Students**

**STUDENT WORKLOAD**

# Measure student workload

Year	Semester	Course/Module
1	1st Semester	Agricultural Chemistry and Soil Science
		Animal Production: Principles and Techniques
		Agronomy and Horticultural Crop Production
		Applied Economics, Extension and Systems
	2nd Semester	Microbiology and Genetics I
		Agrometeorology and Climate Change
		Food Science and Technology
		Agricultural Engineering and Applications
2	3rd Semester	Statistical Methods for Agricultural Sciences
		Biochemistry and Biotechnology
		Pests, Diseases and Weeds Control
		Animal Production and Science I
	4th Semester	Botany and Crop Physiology
		Scientific Communication Skills
		Microbiology and Genetics II
		Animal Science and Production II
3	5th Semester	Crop Production Technologies
		Postharvest Management and Agricultural Produce Processing
		Project I
		Agricultural Management and Marketing
	6th Semester	Entrepreneurship for Small and Medium Agribusiness
		Project II
		Practical Training

**Bachelor in Agricultural Sciences**

**University XYZ**

**Duración: 4 years**

## **Measure student workload**

### **Task to be done IN Yakarta**

**Each University has to identify the units/courses/modules which are part of the semester to be consulted (the number of unit/courses/modules will differ from one University to another)**

# Measure student workload

## Task to be done IN Yakarta

Year	Semester	Unit/Course/Module	Minimum number of respondents (Teachers)	Minimum number of respondents (Students)
3	5	Crop Production Technologies	1	10
		Postharvest Management and Agricultural Produce Processing	1	10
		Project I	1	10
		Agricultural Management and Marketing	1	10
		Total	4	40



# Measure student workload

Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	6
		Animal Production: Principles and Techniques	6
		Agronomy and Horticultural Crop Production	6
		Applied Economics, Extension and Systems	6
	2nd Semester	Microbiology and Genetics I	6
		Agrometeorology and Climate Change	6
		Food Science and Technology	6
		Agricultural Engineering and Applications	6
		Statistical Methods for Agricultural Sciences	5
		Biochemistry and Biotechnology	6
2	3rd Semester	Pests, Diseases and Weeds Control	6
		Animal Production and Science I	6
	4th Semester	Botany and Crop Physiology	4
		Scientific Communication Skills	8
		Microbiology and Genetics II	6
		Animal Science and Production II	6
		Crop Production Technologies	6
		Postharvest Management and Agricultural Produce Processing Project I	6
3	5th Semester	Agricultural Management and Marketing	6
		Entrepreneurship for Small and Medium Agribusiness	4
	6th Semester	Project II	8
		Practical Training	10

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		Agronomy and Horticultural Crop Production	6
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	2nd Semester	Microbiology and Genetics I	6
		Agrometeorology and Climate Change	6
		Food Science and Technology	6
		Agricultural Engineering and Applications	6
		Statistical Methods for Agricultural Sciences	5
		Biochemistry and Biotechnology	6
2	3rd Semester	Pests, Diseases and Weeds Control	6
		Animal Production and Science I	6
	4th Semester	Botany and Crop Physiology	4
		Scientific Communication Skills	8
		Microbiology and Genetics II	6
		Animal Science and Production II	6
		Crop Production Technologies	6
		Postharvest Management and Agricultural Produce Processing Project I	6
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		Crop Production Technologies	6
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**Bachelor in  
Agricultural  
Sciences**  
  
**Semester  
chosen:**

**5th**

**Unit/Course A**  
**Unit/Course B**  
**Unit Course C**  
**Unit Course D**

**Unit/Course A**  
**Unit/Course B**  
**Unit Course C**  
**Unit Course D**  
**Unit/Course E**  
**Unit/Course F**

**Unit/Course A**  
**Unit/Course B**  
**Unit Course C**  
**Unit Course D**  
**Unit Course E**

## **Measure student workload**

**Task to be done AFTER Jakarta**

### **TASK 1: Student Workload survey**

**Each University has to consult 1 teacher and 10 students of EACH unit/course/module of the semester chosen**

# TASK 1: Student Workload survey

**Bachelor in  
Agricultural  
Sciences**  
**Semester  
chosen:**

**5th**

Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	6
		Animal Production: Principles and Techniques	6
		Agronomy and Horticultural Crop Production	6
		Applied Economics, Extension and Systems	6
	2nd Semester	Microbiology and Genetics I	6
		Agrometeorology and Climate Change	6
		Food Science and Technology	6
		Agricultural Engineering and Applications	6
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		Animal Production and Science I	6
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	5th Semester	Microbiology and Genetics II	6
		Animal Science and Production II	6
		Crop Production Technologies	6
		Postharvest Management and Agricultural Produce Processing	6
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		Agricultural Management and Marketing	6
	6th Semester	Entrepreneurship for Small and Medium Agribusiness	4
		Project II	8
		Practical Training	10

Unit/Course	Number of Teachers to be consulted	Number of Students to be consulted
A	1	10
B	1	10
C	1	10
D	1	10
<b>Total</b>	<b>4</b>	<b>40</b>

Unit/Course	Number of Teachers to be consulted	Number of Students to be consulted
A	1	10
B	1	10
C	1	10
D	1	10
E	1	10
F	1	10
<b>Total</b>	<b>6</b>	<b>60</b>

Unit/Course	Number of Teachers to be consulted	Number of Students to be consulted
A	1	10
B	1	10
C	1	10
D	1	10
E	1	10
<b>Total</b>	<b>5</b>	<b>50</b>

**On- Line survey**

## TASK: Student Workload survey



### Questionnaire for Teachers

1. Subject area: \_\_\_\_\_
2. University: \_\_\_\_\_
3. Programme: \_\_\_\_\_
4. Semester \_\_\_\_\_
5. Number of calendar weeks in the semester \_\_\_\_\_
6. Unit/Course/Module \_\_\_\_\_
7. Academic hour in your university is \_\_\_\_\_ minutes.

**Points 1-7 are pre-filled by the  
university administration staff**

# TASK: Student Workload survey



## Questionnaire for Teachers

**Contact hours - the amount of time spent on face to face teaching in a particular unit/course/module. It includes lectures, seminars, clinical practices, supervised labs, project work and field work.**

8.	How many <b>CONTACT HOURS</b> in total are there in your unit/course/module during the <b>SEMESTER</b> ?	..... hours	
9.	From the list below, specify the types of <b>INDEPENDENT WORK</b> you require in the unit/course/module during the <b>SEMESTER</b> . Enter the estimated number of hours which, in your opinion, the student should spend in order to complete the independent study in the unit/course/module.		
a.	Reading texts or literature	Yes, ... hours	No
b.	Fieldwork (site visits, etc.)	Yes, ... hours	No
c.	Laboratory work (not supervised by you)	Yes, ... hours	No
d.	Preparation and presentation of written work (essays, reports, design work, modelling)	Yes, ... hours	No
e.	Working with Internet sources	Yes, ... hours	No
f.	Preparing for interim assessment, final examinations, tests, etc.	Yes, ... hours	No
g.	Other (specify):	..... hours	No
10.	How many hours does an <u>AVERAGE</u> student need to complete all the requirements of <b>your</b> unit/course/module in this <b>SEMESTER</b> (taking into account CONTACT HOURS and INDEPENDENT WORK)?	..... hours	
11.	How many hours does an <u>AVERAGE</u> student need to complete all the requirements of <b>your</b> unit/course/module per <b>WEEK</b> (taking into account CONTACT HOURS and INDEPENDENT WORK)?	..... hours	
12.	When planning your unit/course/module, did you estimate the hours students will have to spend on independent work?	Yes	No
13.	Did you take students' expectations and feedback into consideration when planning the workload for your course?	Yes	No

## TASK: Student Workload survey

8.	How many <b>CONTACT HOURS</b> in total were you given to study this unit/course/module during the <b>SEMESTER</b> ?	..... hours	
9.	Using the list below, specify the types of <b>INDEPENDENT WORK</b> you used in the unit/course/module during the <b>SEMESTER</b> . Under g. add any other ways of learning that you use that are not included here. Enter the estimated number of hours that you needed to complete the independent work on unit/course/module.	..... hours	
a.	Reading texts or literature	Yes, ... hours	No
b.	Fieldwork (site visits, etc.)	Yes, ... hours	No
c.	Laboratory work (not supervised by the teacher)	Yes, ... hours	No
d.	Preparation and presentation of written work (essays, reports, design work, modelling)	Yes, ... hours	No
e.	Working with Internet sources	Yes, ... hours	No
f.	Preparing for interim assessment, final examinations, tests, etc.	Yes, ... hours	No
g.	Other (specify):	..... hours	No
10.	How many hours did you spend in the <b>SEMESTER</b> to complete all the requirements of <b>this</b> unit/course/module (taking into account <b>CONTACT HOURS</b> and <b>INDEPENDENT WORK</b> )?	..... hours	
11.	How many hours per <b>WEEK</b> did you spend (both <b>CONTACT HOURS</b> AND <b>INDEPENDENT WORK</b> ) to complete all the requirements of <b>this</b> unit/course/module?		
12.	At the beginning of the unit/course/module, were you informed about the number of hours planned for independent work?	Yes	No
13.	Were you given the opportunity to provide feedback about the workload in this unit/course/module?	Yes	No

## Questionnaire for Students

**Contact hours - the amount of time spent on face to face teaching in a particular unit/course/module. It includes lectures, seminars, clinical practices, supervised labs, project work and field work.**

**terima kasih  
banyak**