

Tuning South East Asia - TASE

Fourth General Meeting

Student Workload and its link to Tuning

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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

Duration: 4 years

Measure student workload

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

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	
	3	5th Semester	Crop Production Technologies	8
			Postharvest Management and Agricultural Produce Processing Project I	6
6th Semester		Agricultural Management and Marketing	6	
		Entrepreneurship for Small and Medium Agribusiness Project II	4	
Practical Training	10			

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		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	
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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

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

Student Workload survey

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

5th

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	2nd Semester	Microbiology and Genetics I	6
		Agrometeorology and Climate Change	6
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		Botany and Crop Physiology	4
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	5th Semester	Crop Production Technologies	8
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	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
Total	4	40

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
Total	6	60

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
Total	5	50

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

8.	How many CONTACT HOURS in total are there in your unit/course/module during the SEMESTER?	..... hours	
9.	From the list below, specify the types of INDEPENDENT WORK you require in the unit/course/module during the SEMESTER . 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 your unit/course/module in this SEMESTER (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 your unit/course/module per WEEK (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

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.

TASK: Student Workload survey

8.	How many CONTACT HOURS in total were you given to study this unit/course/module during the SEMESTER?	..... hours	
9.	Using the list below, specify the types of INDEPENDENT WORK you used in the unit/course/module during the SEMESTER . 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 SEMESTER to complete all the requirements of this unit/course/module (taking into account CONTACT HOURS and INDEPENDENT WORK)?	..... hours	
11.	How many hours per WEEK did you spend (both CONTACT HOURS AND INDEPENDENT WORK) to complete all the requirements of this 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.

Student Workload Survey, TASE 2018

	Academics	Students	TOTAL
Civil Engineering	73	1015	1088
Medicine	57	611	668
Teacher Education	120	1163	1283
TOTAL	250	2789	3039

% Contact hours vs Independent Work

	ACADEMICS		STUDENTS	
	Contact Hours	Independent Work	Contact Hours	Independent Work
Civil Engineering	36%	64%	41%	59%
Medicine	35%	65%	39%	61%
Teacher Education	36%	64%	35%	65%

% saying 'YES' to...

	ACADEMICS	STUDENTS
	Planning the workload for your unit/course/module, consider necessary to include hours for independent work	Aware of the number of hours planned for the students for independent work
Civil Engineering	92%	59%
Medicine	91%	42%
Teacher Education	97%	79%