

Appendix 3 Tables to accompany Chapter 2

Questions relating to Higher-Order Learning

These questions explore the extent to which students' work emphasises challenging cognitive tasks, such as application, analysis, judgement, and synthesis.

Table 6.1 Higher-Order Learning

During the current academic year, how much has your coursework emphasised		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	Very little	7.2	8.3	6.9	5.4
Applying facts, theories, or	Some	29.6	32.0	30.4	23.8
methods to practical problems or new situations	Quite a bit	39.4	38.1	39.6	41.8
	Very much 23.7	21.6	23.1	29.1	
	Very little	9.0	10.6	8.9	5.8
Analysing an idea, experience,	Some	33.7	36.5	34.6	26.5
or line of reasoning in depth by examining its parts	Quite a bit	37.7	36.1	37.7	40.8
	Very much	Students - Year 1 - Final Year e 7.2 8.3 6.9 e 29.6 32.0 30.4 t 39.4 38.1 39.6 t 39.4 38.1 39.6 t 23.7 21.6 23.1 e 9.0 10.6 8.9 e 33.7 36.5 34.6 t 37.7 36.1 37.7 n 19.7 16.8 18.7 e 8.1 9.5 8.5 e 31.7 35.1 31.8 t 39.8 37.9 40.1 n 20.3 17.5 19.6 e 5.1 5.5 5.8 e 28.9 31.0 29.9 t 43.1 42.7 43.3	27.0		
	Very little	8.1	9.5	8.5	4.6
Evaluating a point of view,	Some	31.7	35.1	31.8	24.6
decision, or information source	Quite a bit	39.8	37.9	40.1	43.5
	Very much	20.3	17.5	19.6	27.4
	Very little	5.1	5.5	5.8	3.4
Forming an understanding or	Some	28.9	31.0	29.9	23.1
new idea from various pieces of information	Quite a bit	43.1	42.7	43.3	43.5
	Very much	22.9	20.8	21.1	30.0

Questions relating to Reflective and Integrative Learning

These questions explore the extent to which students relate their own understanding and experiences to the learning content being used.

Table 6.2 Reflective and Integrative Learning

During the current academic year, about how often have you		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
Combined ideas from different	Never	5.4	6.7	4.6	3.6
subjects/ modules when completing assignments	Sometimes	34.6	38.4	33.6	27.5
	Often	40.2	38.5	40.8	43.1
	Very often	19.8	16.4	21.0	25.8
Connected your learning to	Never	15.8	19.4	14.8	9.3
problems or issues in society	Sometimes	37.8	41.0	38.3	30.2
	Often	30.3	27.7	30.5	35.8
	Very often	16.1	12.0	16.4	24.7
Included diverse perspectives	Never	29.2	31.3	29.4	24.3
(political, religious, racial, ethnic, gender, etc.) in discussions or	Sometimes	36.4	37.7	36.5	33.3
assignments*	Often	23.3	21.8	23.2	26.7
	Very often	11.1	9.2	10.9	15.6
Examined the strengths and	Never	9.6	11.3	9.9	5.3
weaknesses of your own views on a topic or issue	Sometimes	38.9	41.6	40.9	30.2
	Often	37.7	35.4	36.4	44.7
	Very often	13.8	11.7	12.9	19.8
Tried to better understand	Never	6.9	7.6	7.1	4.9
someone else's views by imagining how an issue looks	Sometimes	35.4	37.4	36.5	29.6
from their perspective	Often	39.4	38.3	39.1	42.3
	Very often	18.3	16.7	17.3	23.2
Learned something that changed	Never	3.8	4.4	3.9	2.6
the way you understand an issue or concept	Sometimes	33.3	35.3	35.1	26.7
	Often	43.8	43.2	43.3	45.6
	Very often	19.1	17.2	17.7	25.1
Connected ideas from your	Never	2.8	3.3	2.9	1.5
subjects/ modules to your prior experiences and knowledge	Sometimes	27.9	31.2	29.0	19.1
	Often	42.8	42.6	43.2	42.7
	Very often	26.5	22.8	24.9	36.6

Questions relating to Quantitative Reasoning

These questions explore students' opportunities to develop their skills to reason quantitatively – to evaluate, support, or critique arguments using numerical and statistical information.

 Table 6.3 Quantitative Reasoning

During the current academic year, about how often have you		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
Reached conclusions based on	Never	24.1	26.9	22.9	19.6
your analysis of numerical information (numbers, graphs,	Sometimes	39.3	40.2	38.8	37.9
statistics, etc.)	Often	25.9	24.2	25.9	29.4
	Very often	10.8	8.7	12.4	13.0
Used numerical information to	Never	34.0	38.1	32.2	27.8
examine a real-world problem or issue (unemployment, climate	Sometimes	38.1	38.4	38.3	37.4
change, public health, etc.)	Often	20.1	17.5	21.4	24.1
	Very often	7.7	6.0	8.2	10.7
Evaluated what others have	Never	34.5	36.7	33.4	31.3
concluded from numerical information	Sometimes	41.7	41.9	41.8	40.9
	Often	18.7	17.4	19.0	21.1
	Very often	5.1	4.0	5.8	6.7

Questions relating to *Learning Strategies*

These questions explore the extent to which students actively engage with and analyse course material, rather than approaching learning passively.

Table 6.4 *Learning Strategies*

During the current academic year, about how often have you		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	Never	8.9	10.9	9.6	3.9
Identified key information from	Sometimes	37.4	41.2	38.1	28.1
recommended reading materials	Often	38.1	35.7	37.3	44.4
	Never 8.9 10.9 9.6 Sometimes 37.4 41.2 38.1 Often 38.1 35.7 37.3 Very often 15.6 12.2 14.9 Never 6.5 6.2 8.1 Sometimes 36.7 37.7 38.4 Often 37.2 36.4 35.6 Very often 19.7 19.7 17.9 Never 9.8 9.9 11.2 Sometimes 41.8 42.9 42.2 Often 34.5 33.8 33.5	23.7			
	Never	6.5	6.2	8.1	4.9
Reviewed your notes after class,	Sometimes	36.7	37.7	38.4	32.2
tutorials, labs or studios*	Often	37.2	36.4	35.6	40.8
	Never 8.9 10.9 9.6 Trom Sometimes 37.4 41.2 38.1 erials Often 38.1 35.7 37.3 Very often 15.6 12.2 14.9 Never 6.5 6.2 8.1 Class, Sometimes 36.7 37.7 38.4 Class, Often 37.2 36.4 35.6 Very often 19.7 19.7 17.9 Never 9.8 9.9 11.2 need in Sometimes 41.8 42.9 42.2 ios, or Often 34.5 33.8 33.5	17.9	22.1		
	Never	9.8	9.9	11.2	7.8
Summarised what you learned in	Sometimes	41.8	42.9	42.2	38.8
class, tutorials, labs or studios, or from course materials*	Often	34.5	33.8	33.5	37.1
	Very often	14.0	13.5	13.1	16.3

Questions relating to Collaborative Learning

These questions explore the extent to which students collaborate with peers to solve problems or to master difficult material, thereby deepening their understanding.

Table 6.5 Collaborative Learning

During the current academic year, about how often have you		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
Asked another student to help	Never	13.5	12.3	12.5	17.4
you understand course material	Sometimes	43.4	42.7	42.2	46.9
	Often	28.8	30.1	29.6	24.9
	Very often	14.2	15.0	15.7	10.8
Explained course material to one	Never	9.4	8.6	8.9	11.7
or more students	Sometimes	43.3	44.6	40.7	43.8
	Often	32.5	32.7	33.6	30.4
	Very often	14.9	14.1	16.8	14.1
Prepared for exams by discussing	Never	19.9	19.7	18.6	22.2
or working through course material with other students	Sometimes	34.9	36.5	33.6	32.8
	Often	28.7	28.8	28.8	28.4
	Very often	16.5	14.9	19.0	16.6
Worked with other students on	Never	11.9	11.8	10.1	14.8
projects or assignments	Sometimes	32.6	35.5	31.1	28.3
	Often	31.6	32.5	31.6	29.6
	Very often	23.8	20.2	27.1	27.3

Questions relating to Student-Faculty Interaction

These questions explore the extent to which students interact with academic staff. Interactions with academic staff can positively influence students' cognitive growth, development, and persistence.

Table 6.6 Student-Faculty Interaction

During the current academic year about how often have you	ſ.	All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	Never	51.4	60.0	42.7	44.5
Talked about career plans with	Sometimes	31.5	26.9	36.9	33.9
academic staff	Often	12.4	9.7	14.5	15.2
	Very often	4.8	3.4	5.9	6.5
	Never	67.2	71.8	64.2	61.5
Worked with academic staff on activities other than	Sometimes	21.2	19.1	23.0	23.5
coursework (committees, student groups, etc.)	Often	8.5	6.9	9.2	10.9
student groups, etc.,	Very often	3.1	2.2	3.7	4.1
Discount and a sum to all a side and a side a	Never	42.6	49.8	37.6	34.0
Discussed course topics, ideas, or concepts with academic staff	Sometimes	36.0	32.4	39.2	39.3
outside of scheduled class, tutorials, labs or studios*	Often	15.9	13.2	17.5	19.7
tutoriais, labs or studios	Very often	5.5	4.6	5.7	7.0
	Never	43.7	50.2	38.3	37.0
Discussed your performance	Sometimes	38.4	35.2	41.4	41.2
with academic staff	Often	13.8	11.4	15.6	16.6
	Very often	4.1	3.2	4.7	5.2

Questions relating to Effective Teaching Practices

These questions explore the extent to which students experience teaching practices that contribute to promoting comprehension and learning.

 Table 6.7 Effective Teaching Practices

During the current academic year, to what extent have lecturers / teaching staff		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
Clearly explained course goals	Very little	6.3	6.1	7.2	5.3
and requirements	Some	27.2	28.5	28.4	22.6
	Quite a bit	38.8	39.1	40.3	36.4
	Very much	27.7	26.2	24.1	35.7
Taught in an organised way	Very little	5.5	5.0	6.7	5.1
	Some	26.0	26.2	29.2	21.3
	Quite a bit	42.2	43.3	42.2	39.8
	Very much	26.3	25.4	21.9	33.7
Used examples or illustrations to	Very little	6.4	6.2	7.1	5.6
explain difficult points	Some	26.2	26.6	28.2	22.9
	Quite a bit	39.4	39.4	40.4	38.2
	Very much	28.0	27.8	24.2	33.2
Provided feedback on a draft or	Very little	26.9	29.3	26.4	22.6
work in progress	Some	34.7	35.6	35.6	31.7
	Quite a bit	24.9	23.6	25.5	27.1
	Very much	13.4	11.6	12.5	18.7
Provided prompt and detailed	Very little	20.7	20.0	25.2	16.2
feedback on tests or completed assessments*	Some	36.3	38.2	36.3	32.3
	Quite a bit	27.9	28.0	26.4	29.5
	Very much	15.2	13.8	12.2	21.9

Questions relating to Quality of Interactions

These questions explore student experiences of supportive relationships with a range of other people and roles on campus, thereby contributing to students' ability to find assistance when needed and to learn from and with those around them. While 'Not applicable' is available as a response option, such responses have been removed from these results.

Table 6.8 *Quality of Interactions*

At your institution, please indicate the quality of interactions with		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	1=Poor	1.8	1.8	1.6	2.0
	2	2.1	1.9	2.4	2.2
	3	4.1	4.0	4.2	4.1
Students	4	9.0	8.7	9.4	9.2
	5	19.2	19.7	19.6	17.8
	6	28.7	29.2	29.3	26.7
	7=Excellent	35.1	34.7	33.5	38.0
	1=Poor	7.3	7.1	8.5	6.2
	2	6.3	5.9	7.6	5.2
	3	9.1	9.2	10.6	6.8
Academic advisors	4	14.9	16.4	15.3	11.5
	5	22.3	24.0	21.9	19.1
	6	20.8	20.1	19.6	23.8
	7=Excellent	19.4	17.2	16.6	27.4
	1=Poor	2.8	2.6	3.2	2.5
	2	3.5	3.3	4.1	3.2
	3	6.4	6.2	7.3	5.6
Academic staff	4	12.5	13.4	13.3	9.6
	5	23.8	26.0	24.5	18.4
	6	27.9	27.7	28.0	28.4
	7=Excellent	23.1	20.9	19.6	32.3
	1=Poor	7.1	6.1	8.8	7.2
	2	7.0	6.4	8.3	6.6
Support services staff (career	3	9.8	9.9	11.4	7.4
services, student activities, accommodation, etc.)	4	15.0	14.9	15.9	13.8
	5	21.0	22.1	21.0	18.6
	6	20.4	21.1	18.0	22.4

	7=Excellent	19.6	19.6	16.6	24.0
	1=Poor	6.3	5.6	7.9	5.7
	2	6.7	6.2	8.1	5.9
	3	9.6	9.5	10.9	8.2
Other administrative staff and offices (registry, finance, etc.)	4	15.0	15.3	16.2	12.9
, , , ,	5	21.4	22.6	21.1	19.2
	6	21.8	22.2	19.9	23.8
	7=Excellent	19.2	18.8	15.9	24.3

Questions relating to Supportive Environment

These questions explore students' perceptions of how much their higher education institution emphasises services and activities that support their learning and development.

Table 6.9 *Supportive Environment*

How much does your institution emphasise		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	Very little	9.2	7.2	12.0	9.5
Providing support to help	Some	31.9	29.8	36.4	30.3
students succeed academically	Quite a bit	38.2	40.6	35.6	36.9
	Very much	20.7	22.4	16.0	23.3
Heine learning arms of a miles	Very little	13.7	11.9	15.7	14.8
Using learning support services (learning centre, computer	Some	29.1	26.6	32.7	29.6
centre, maths support, writing support, etc.)	Quite a bit	35.0	36.5	33.4	34.1
συρροτί, ετε.,	Very much	22.2	25.0	18.2	21.5
	Very little	19.6	16.3	24.3	20.2
Contact among students from different backgrounds (social,	Some	34.3	33.7	37.9	30.6
racial, ethnic, religious, age- groups etc.)	Quite a bit	29.8	31.9	25.8	30.5
groups etc.,	Very much	16.4	18.1	12.0	18.6
	Very little	14.3	10.7	17.3	17.9
Providing opportunities to be	Some	30.5	28.0	34.2	30.7
involved socially	Quite a bit	35.2	37.3	33.3	33.4
	Very much	20.0	23.9	15.2	18.0
	Very little	15.0	12.2	17.8	17.0
Providing support for your	Some	33.3	31.8	36.9	31.4
overall well-being (recreation, health care, counselling, etc.)	Quite a bit	33.7	35.7	31.4	32.6
	Anically Quite a bit 38.2 40.6 35.6 Very much 20.7 22.4 16.0 20.7 22.4 16.0 20.7 22.4 16.0 20.7 22.4 16.0 20.7 22.4 16.0 20.7 20.4 16.0 20.7 20.4 16.0 20.7 20.6 32.7 32.4 32.1 20.6 20.2 20.2 20.6 20.6 20.6 20.6 20.6	19.0			
	Very little	39.7	36.7	47.1	36.4
Helping you manage your non-	Some	33.5	35.4	32.1	31.3
academic responsibilities (work, family, etc.)	Quite a bit	19.0	20.2	14.7	22.1
	Very much	7.8	7.8	6.1	10.1
Attending activities and events	Very little	23.1	20.6	27.5	22.4
(special speakers, cultural	Some	35.9	35.2	38.5	33.8
performances, sporting events, etc.) organised by your	Quite a bit	28.3	30.6	24.2	28.8
institution	Very much	12.8	13.6	9.8	15.0

Learning, Creative and Social Skills

These questions explore the extent to which students' experience in their institution contributed to their knowledge, skills and personal development of a variety of learning, creative and social skills.

Table 6.10 Learning, Creative and Social Skills

How much has your experience at this institution contributed to your knowledge, skills and personal development in the following areas		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
	Very little	9.7	12.3	8.1	6.2
Writing clearly and effectively?	Some	28.3	31.8	26.7	23.1
withing clearly and effectively:	Quite a bit	38.4	36.8	39.7	39.9
	Very much	23.7	19.1	25.5	30.8
	Very little	15.0	16.8	13.5	13.0
Speaking effectively?	Some	31.8	34.6	30.5	27.9
Speaking effectively:	Quite a bit	34.5	32.3	36.5	36.5
	Very much	18.7	16.2	19.6	22.6
	Very little	4.4	5.0	4.2	3.6
Thirding without and analytically	Some	22.0	25.1	20.8	17.3
Thinking critically and analytically?	Quite a bit	41.3	41.5	41.0	41.2
	Very much	32.3	28.5	34.0	37.9
	Very little	19.9	21.4	18.6	18.5
Analysing numerical and statistical	Some	30.8	31.7	30.1	29.8
information?	Quite a bit	30.9	30.4	30.9	32.0
	Very much	18.4	16.5	20.4	19.7
	Very little	7.9	8.1	6.6	9.2
Working offsetively with others?	Some	25.3	26.2	25.1	23.7
Working effectively with others?	Quite a bit	40.0	40.5	40.5	38.3
	Very much	26.8	25.2	27.8	28.8
	Very little	13.9	15.6	13.7	10.7
Solving complex real-world	Some	33.2	35.7	32.6	28.8
problems?	Quite a bit	34.0	32.7	33.9	36.9
	Very much	18.8	15.9	19.8	23.5

	Very little	20.7	21.1	22.5	17.5
Being an informed and active citizen (societal / political / community)?	Some	35.3	37.5	35.0	31.2
	Quite a bit	28.9	28.4	27.3	31.8
	Very much	15.2	13.0	15.2	19.5
Being innovative and creative?	Very little	10.6	11.2	11.0	8.8
	Some	31.7	32.7	32.4	28.7
	Quite a bit	35.9	35.3	35.4	37.6
	Very much	21.8	20.7	21.3	24.9

Questions not relating to specific engagement indicators

These questions do not directly relate to a specific engagement indicator but are included in the survey because of their contribution to a broad understanding of student engagement.

Table 6.11 Non-indicator questions

		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
During the current academic year, about how often have you asked questions or contributed to discussions in class, tutorials, labs, studios, or online?*	Never	10.0	13.1	9.6	3.9
	Sometimes	41.7	46.3	41.9	31.4
	Often	29.2	26.5	29.6	34.7
	Very often	19.0	14.1	18.9	30.0
During the current academic year, about how often have you attended class, tutorials, labs, studios, or online without doing the preparation expected of you (completing	Never	18.7	18.2	15.7	23.6
	Sometimes	44.9	45.4	45.0	43.8
	Often	20.9	20.9	23.2	17.6
readings or assignments, etc.)?*	Very often	15.5	15.5	16.0	15.0
	Never	20.3	26.2	13.1	16.8
During the current academic year, about how often have you made a	Sometimes	42.2	44.5	42.4	36.6
presentation in class, tutorials, labs, studios, or online?	Often	24.6	20.5	28.5	28.5
studios, or offline:	Very often	12.9	8.8	16.0	18.0
	Never	20.1	27.3	16.4	9.6
During the current academic year, about how often have you explored how to apply your learning in the workplace?	Sometimes	34.8	36.5	35.9	29.7
	Often	29.4	24.6	31.6	37.0
	Very often	15.7	11.6	16.1	23.7
During the current academic year,	Never	25.1	23.3	25.3	28.6
about how often have you exercised or participated in physical fitness	Sometimes	28.0	28.0	28.3	27.7
activities (whether related to your course/ institution or in your life	Often	22.9	23.0	22.4	23.1
outside your institution)?	Very often	24.0	25.7	23.9	20.6
	Never	30.9	41.4	24.8	16.8
During the current academic year, about how often have you blended	Sometimes	30.4	30.7	31.9	28.0
cademic learning with workplace experience?	Often	23.8	18.4	26.3	31.8
experience:	Very often	14.9	9.5	17.0	23.5
	Never	18.0	16.6	22.9	14.5
During the current academic year, about how often have you worked	Sometimes	41.0	42.8	41.5	36.4
on assessments that informed you how well you are learning?	Often	30.5	30.7	27.4	34.2
now wen you are learning!	Very often	10.5	10.0	8.2	14.9

Which of the following have you	Have not decided	28.4	29.9	28.3	25.4
done or do you plan to do before you graduate from your institution:	Do not plan to do	18.1	12.4	24.8	21.2
Engage in voluntary activity (whether related to your course/ institution or	Plan to do	31.9	40.3	20.6	29.1
in your life outside your institution)	Done/ in progress	21.6	17.5	26.2	24.3
How much has your experience at	Very little	12.2	14.4	11.2	8.9
this institution contributed to your knowledge, skills and personal	Some	28.6	32.2	26.6	23.6
development in the following areas:	Quite a bit	35.0	33.4	36.3	36.5
Acquiring job- or work-related knowledge and skills?	Very much	24.3	20.1	25.9	31.0

		All Students	Undergraduate - Year 1	Undergraduate - Final Year	Postgraduate
How would you evaluate your entire educational experience at this institution?	Poor	3.8	2.3	5.8	4.1
	Fair	17.8	16.7	21.5	15.2
	Good	50.5	52.8	49.6	46.9
	Excellent	28.0	28.2	23.1	33.8
If you could start over again, would you go to the same institution you are now attending?	Definitely no	3.9	2.5	5.9	4.1
	Probably no	13.1	11.2	16.8	12.2
	Probably yes	43.5	43.4	44.6	42.3
	Definitely yes	39.5	42.8	32.7	41.4

		All Students	Undergraduat e - Year 1	Undergraduat e - Final Year	Postgraduate
	No, I have not seriously considered withdrawing	63.2	64.8	55.2	70.2
	Yes, for financial reasons	10.3	9.9	12.2	8.5
Have you ever seriously	seriously reasons considered withdrawing from your degree Yes, for health reasons Yes, for employment	13.2	11.4	17.4	11.2
considered withdrawing from		6.2	4.8	9.3	5.1
your degree programme?		5.7	5.1	6.6	5.8
		9.3	11.2	10.3	4.0
	Other reason	8.2	7.6	9.5	7.6