

FSSE 2015 Scales Internal Consistency Statistics by Division

Theme	Scale	Variable name	Variable label	Intercorrelations (Lower shaded; Upper not shaded)			
				1	2	3	4
<i>Academic Challenge</i>	Higher-Order Learning	Cronbach's alpha: Lower = 0.72; Upper = 0.73					
		1 fHOapply	Applying facts, theories, or methods to practical problems or new situations		.38	.19	.24
		2 fHOanalyze	Analyzing an idea, experience, or line of reasoning in depth by examining its parts	.40		.53	.50
		3 fHOevaluate	Evaluating a point of view, decision, or information source	.13	.52		.58
		4 fHOform	Forming a new idea or understanding from various pieces of information	.21	.50	.59	
Reflective & Integrative Learning	Cronbach's alpha: Lower = 0.88; Upper = 0.88						
	1 fRIintegrate	Combine ideas from different courses when completing assignments		.38	.32	.32	.30
	2 fRIsocietal	Connect his or her learning to societal problems or issues	.42		.74	.60	.65
	3 fRIdiverse	Include diverse perspectives (...) in course discussions or assignments	.38	.75		.67	.75
	4 fRIownview	Examine the strengths and weaknesses of his or her own views on a topic or issue	.38	.63	.69		.76
	5 fRIperspect	Try to better understand someone else's views by imagining...his or her perspective	.37	.67	.78	.78	
	6 fRInewview	Learn something that changed the way you understand an issue or concept	.30	.47	.48	.57	.55
		7 fRIconnect	Connect ideas from your courses to his or her prior experiences and knowledge	.39	.42	.40	.46
Learning Strategies	Cronbach's alpha: Lower = 0.76; Upper = 0.77						
	1 fLSreading	Identified key information from reading assignments		.45	.53		
	2 fLSnotes	Reviewed your notes after class	.42		.62		
		3 fLSsummary	Summarized what you learned in class or from course materials	.50	.64		
Quantitative Reasoning	Cronbach's alpha: Lower = 0.89; Upper = 0.89						
	1 fQRconclude	Reach conclusions based on his or her own analysis of numerical information (...)		.73	.67		
	2 fQRproblem	Use numerical information to examine a real-world problem or issue (...)	.72		.77		
		3 fQRevaluate	Evaluated what others have concluded from numerical information	.68	.80		

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				1	2	3	4	5	6	7	8				
<i>Learning with Peers</i>	Collaborative Learning	Cronbach's alpha: Lower = 0.84; Upper = 0.83													
		1 fCLaskhelp	Ask another student to help you understand course material												
		2 fCLexplain	Explain course material to other students	.77											
		3 fCLstudy	Prepare for exams by discussing or working through course material w/other students	.59	.63										
		4 fCLproject	Work with other students on course projects or assignments	.49	.48	.49									
	Discussions with Diverse Others	Cronbach's alpha: Lower = 0.94; Upper = 0.94													
		1 fDDrace	Discussions with... People of a race or ethnicity other than your own												
		2 fDDeconomic	Discussions with... People from an economic background other than your own	.85											
		3 fDDreligion	Discussions with... People with religious beliefs other than your own	.77	.80										
		4 fDDpolitical	Discussions with... People with political views other than your own	.74	.80	.86									
<i>Experiences with Faculty</i>	Student-Faculty Interaction	Cronbach's alpha: Lower = 0.77; Upper = 0.78													
		1 fSFcareer	Talked about their career plans with the undergraduate students												
		2 fSFotherwork	Worked with the undergraduate students on activities other than coursework (...)	.51											
		3 fSFdiscuss	Discussed course topics, ideas, or concepts with the undergraduate students...	.52	.48										
		4 fSFperform	Discussed their academic performance with the undergraduate students	.45	.30	.48									
	Effective Teaching Practices	Cronbach's alpha: Lower = 0.75; Upper = 0.77													
		1 fETgoals	Instructors... Clearly explain course goals and requirements												
		2 fETorganize	Instructors... Teach course sessions in an organized way	.41											
		3 fETexample	Instructors... Use examples or illustrations to explain difficult points	.28	.39										
		4 fETvariety	Instructors... Use a variety of teaching techniques to accommodate diversity...	.22	.19	.33									
		5 fETreview	Instructors... Review and summarize material for students	.28	.28	.31	.40								
		6 fETstandards	Instructors... Provide standards for satisfactory completion of assignments (...)	.33	.28	.21	.35	.35							
		7 fETdraftfb	Instructors... Provide feedback on drafts or works in progress	.21	.12	.15	.31	.29	.41						
		8 fETfeedback	Instructors... Provide prompt and detailed feedback on tests or completed assignments	.28	.32	.24	.22	.31	.30	.33					

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				1	2	3	4	5		
<i>Campus Environment</i>	Quality of Interactions	Cronbach's alpha: Lower = 0.85; Upper = 0.85								
		1 fQIstudent	Quality of interactions with... Other students		.47	.51	.42	.38		
		2 fQIadvisor	Quality of interactions with... Academic advisors	.44		.64	.57	.54		
		3 fQIfaculty	Quality of interactions with... Faculty	.46	.66		.54	.49		
		4 fQIstaff	Quality of interactions with... Student services staff...	.42	.59	.55		.73		
		5 fQIadmin	Quality of interactions with... Other administrative staff and offices...	.38	.57	.51	.72			
	Supportive Environment	Cronbach's alpha: Lower = 0.86; Upper = 0.86								
1 fSEacademic		Inst. increase... Providing support to help students succeed academically		.64	.39	.36	.43	.38	.27	.27
2 fSElearnsup		Inst. increase... Using learning support services (...)	.66		.40	.36	.41	.38	.28	.29
3 fSEdiverse		Inst. increase... Encouraging contact among students from different backgrounds...	.35	.36		.51	.49	.42	.39	.52
4 fSEsocial		Inst. increase... Providing opportunities for students to be involved socially	.36	.37	.50		.63	.48	.56	.47
5 fSEwellness		Inst. increase... Providing support for students overall well-being...	.44	.41	.49	.61		.55	.49	.44
6 fSEnonacad		Inst. increase... Helping students manage their non-academic responsibilities (...)	.37	.38	.39	.48	.56		.44	.44
7 fSEactivities		Inst. increase... Students attending campus activities and events (...)	.26	.28	.42	.54	.48	.43		.62
8 fSEevents	Inst. increase... Students attending events that address important...	.24	.27	.51	.45	.43	.40	.63		