

FSSE 2016 Scales

Internal Consistency Statistics by Division

Theme	Engagement Indicator	Variable name	Variable label	Intercorrelations (Lower shaded; Upper not shaded)							
<i>Academic Challenge</i>	Higher-Order Learning	Cronbach's alpha: Lower = 0.70; Upper = 0.72		1	2	3	4				
		1 fHOapply	Applying facts, theories, or methods to practical problems or new situations		.39	.17	.22				
		2 fHOanalyze	Analyzing an idea, experience, or line of reasoning in depth by examining its parts	.36		.53	.46				
		3 fHOevaluate	Evaluating a point of view, decision, or information source	.08	.51		.57				
		4 fHOform	Forming a new idea or understanding from various pieces of information	.18	.51	.58					
	Reflective & Integrative Learning	Cronbach's alpha :Lower = 0.88; Upper = 0.87		1	2	3	4	5	6	7	
		1 fRIintegrate	Combine ideas from different courses when completing assignments		.38	.31	.31	.30	.26	.39	
		2 fRIsocietal	Connect his or her learning to societal problems or issues	.41		.72	.59	.65	.46	.42	
		3 fRIdiverse	Include diverse perspectives (...) in course discussions or assignments	.37	.74		.65	.76	.48	.39	
		4 fRIownview	Examine the strengths and weaknesses of his or her own views on a topic or issue	.37	.62	.69		.75	.54	.45	
		5 fRIperspect	Try to better understand someone else's views by imagining...his or her perspective	.36	.67	.80	.78		.56	.44	
		6 fRInewview	Learn something that changed the way you understand an issue or concept	.31	.47	.49	.54	.55		.56	
	7 fRIconnect	Connect ideas from your courses to his or her prior experiences and knowledge	.38	.43	.39	.43	.42	.58			
	Learning Strategies	Cronbach's alpha: Lower = 0.77; Upper = 0.75		1	2	3					
		1 fLSreading	Identified key information from reading assignments		.41	.50					
		2 fLSnotes	Reviewed your notes after class	.44		.61					
		3 fLSsummary	Summarized what you learned in class or from course materials	.51	.63						
	Quantitative Reasoning	Cronbach's alpha: Lower = 0.89; Upper = 0.89		1	2	3					
		1 fQRconclude	Reach conclusions based on his or her own analysis of numerical information (...)		.74	.68					
		2 fQRproblem	Use numerical information to examine a real-world problem or issue (...)	.75		.78					
		3 fQRevaluate	Evaluated what others have concluded from numerical information	.68	.79						

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<i>Learning with Peers</i>	Collaborative Learning	Cronbach's alpha: Lower = 0.84; Upper = 0.83		1	2	3	4					
		1 fCLaskhelp	Ask another student to help you understand course material		.76	.57	.45					
		2 fCLexplain	Explain course material to other students	.77		.60	.45					
		3 fCLstudy	Prepare for exams by discussing or working through course material w/other students	.57	.61		.45					
		4 fCLproject	Work with other students on course projects or assignments	.47	.47	.48						
		Discussions with Diverse Others	Cronbach's alpha: Lower = 0.93; Upper = 0.93		1	2	3	4				
	1 fDDRace		Discussions with... People of a race or ethnicity other than your own		.82	.72	.70					
	2 fDDeconomic		Discussions with... People from an economic background other than your own	.83		.76	.76					
	3 fDDreligion		Discussions with... People with religious beliefs other than your own	.73	.77		.83					
	4 fDDpolitical		Discussions with... People with political views other than your own	.71	.77	.83						
<i>Experiences with Faculty</i>	Student-Faculty Interaction	Cronbach's alpha: Lower = 0.76; Upper = 0.78		1	2	3	4					
		1 fSFcareer	Talked about their career plans with the undergraduate students		.47	.52	.48					
		2 fSFotherwork	Worked with the undergraduate students on activities other than coursework (...)	.48		.51	.38					
		3 fSFdiscuss	Discussed course topics, ideas, or concepts with the undergraduate students outside of class	.51	.48		.52					
		4 fSFperform	Discussed their academic performance with the undergraduate students	.46	.28	.47						
		Effective Teaching Practices	Cronbach's alpha: Lower = 0.76; Upper = 0.77		1	2	3	4	5	6	7	8
	1 fETgoals		Instructors... Clearly explain course goals and requirements		.43	.26	.26	.29	.36	.25	.30	
	2 fETorganize		Instructors... Teach course sessions in an organized way	.40		.36	.23	.27	.29	.17	.34	
	3 fETexample		Instructors... Use examples or illustrations to explain difficult points	.30	.39		.35	.32	.20	.17	.23	
	4 fETvariety		Instructors... Use a variety of teaching techniques to accommodate diversity in student learning styles	.26	.23	.32		.40	.35	.34	.24	
5 fETreview	Instructors... Review and summarize material for students		.31	.32	.33	.39		.35	.31	.28		
6 fETstandards	Instructors... Provide standards for satisfactory completion of assignments (...)		.35	.26	.22	.35	.35		.40	.32		
7 fETdraftfb	Instructors... Provide feedback on drafts or works in progress		.23	.15	.16	.33	.31	.41		.36		
8 fETfeedback	Instructors... Provide prompt and detailed feedback on tests or completed assignments	.27	.33	.23	.22	.26	.29	.34				

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<i>Campus Environment</i>	Quality of Interactions	Cronbach's alpha: Lower = 0.86; Upper = 0.85												
		1 fQIstudent	Quality of interactions with... Other students											
		2 fQIadvisor	Quality of interactions with... Academic advisors											
		3 fQIfaculty	Quality of interactions with... Faculty											
		4 fQIstaff	Quality of interactions with... Student services staff...											
	5 fQIadmin	Quality of interactions with... Other administrative staff and offices...												
Supportive Environment	Cronbach's alpha: Lower = 0.86; Upper = 0.87													
	1 fSEacademic	Inst. emphasizes... Providing support to help students succeed academically												
	2 fSElearnsup	Inst. emphasizes... Using learning support services (...)												
	3 fSEdiverse	Inst. emphasizes... Encouraging contact among students from different backgrounds...												
	4 fSEsocial	Inst. emphasizes... Providing opportunities for students to be involved socially												
	5 fSEwellness	Inst. emphasizes... Providing support for students overall well-being...												
	6 fSEnonacad	Inst. emphasizes... Helping students manage their non-academic responsibilities (...)												
	7 fSEactivities	Inst. emphasizes... Students attending campus activities and events (...)												
	8 fSEevents	Inst. emphasizes... Students attending events that address important social/econ./polit. issues												

Notes:

- Results are based on census-administered or randomly selected faculties who responded to FSSE 2016, including 5,072 lower division faculties and 6,497 upper division faculties at 119 U.S. institutions.