

FSSE 2013 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 = 0.74; Upper = 0.74 | | | | | | | | |
| | | 1 fHOapply | Applying facts, theories, or methods to practical problems or new situations | | .42 | .21 | .25 | | | |
| | | 2 fHOanalyze | Analyzing an idea, experience, or line of reasoning in depth by examining its parts | .43 | | .53 | .50 | | | |
| | | 3 fHOevaluate | Evaluating a point of view, decision, or information source | .16 | .53 | | .59 | | | |
| | | 4 fHOform | Forming a new idea or understanding from various pieces of information | .26 | .53 | .61 | | | | |
| | Reflective & Integrative Learning | Cronbach's alpha: Lower = 0.89; Upper = 0.87 | | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | | 1 fRIintegrate | Combine ideas from different courses when completing assignments | | .39 | .32 | .33 | .31 | .28 | .40 |
| | | 2 fRIsocietal | Connect his or her learning to societal problems or issues | .46 | | .72 | .57 | .63 | .44 | .40 |
| | | 3 fRIdiverse | Include diverse perspectives (...) in course discussions or assignments | .41 | .73 | | .64 | .73 | .46 | .39 |
| | | 4 fRIownview | Examine the strengths and weaknesses of his or her own views on a topic or issue | .41 | .62 | .67 | | .74 | .55 | .44 |
| | | 5 fRIperspect | Try to better understand someone else's views by imagining...his or her perspective | .39 | .66 | .77 | .77 | | .55 | .43 |
| | | 6 fRInewview | Learn something that changed the way you understand an issue or concept | .33 | .46 | .46 | .55 | .54 | | .55 |
| | 7 fRIconnect | Connect ideas from your courses to his or her prior experiences and knowledge | .41 | .46 | .42 | .49 | .47 | .60 | | |
| | Learning Strategies | Cronbach's alpha: Lower = 0.76; Upper = 0.76 | | 1 | 2 | 3 | | | | |
| | | 1 fLSreading | Identified key information from reading assignments | | .43 | .51 | | | | |
| | | 2 fLSnotes | Reviewed your notes after class | .41 | | .60 | | | | |
| | | 3 fLSsummary | Summarized what you learned in class or from course materials | .52 | .60 | | | | | |
| | 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 (...) | .74 | | .78 | | | | |
| | | 3 fQRevaluate | Evaluated what others have concluded from numerical information | .66 | .78 | | | | | |

FSSE 2013 Scales

Internal Consistency Statistics by Division

| Theme | Scale | Variable name | Variable label | Intercorrelations (Lower shaded; Upper not shaded) | | | | |
|----------------------------|--|--|--|---|-----|-----|-----|-----|
| <i>Learning with Peers</i> | Collaborative Learning | Cronbach's alpha: Lower = 0.86; Upper = 0.83 | | 1 | 2 | 3 | 4 | |
| | | 1 fCLaskhelp | Ask another student to help you understand course material | | .77 | .57 | .46 | |
| | | 2 fCLexplain | Explain course material to other students | .77 | | .60 | .46 | |
| | | 3 fCLstudy | Prepare for exams by discussing or working through course material w/other students | .60 | .62 | | .49 | |
| | | 4 fCLproject | Work with other students on course projects or assignments | .53 | .52 | .56 | | |
| | 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 | | .83 | .71 | .70 | |
| | | 2 fDDeconomic | Discussions with... People from an economic background other than your own | .84 | | .75 | .77 | |
| | | 3 fDDreligion | Discussions with... People with religious beliefs other than your own | .72 | .75 | | .83 | |
| | | 4 fDDpolitical | Discussions with... People with political views other than your own | .72 | .77 | .85 | | |
| | <i>Experiences with Faculty</i> | Student-Faculty Interaction | Cronbach's alpha: Lower = 0.75; Upper = 0.78 | | 1 | 2 | 3 | 4 |
| | | | 1 fSFcareer | Talked about their career plans with the undergraduate students | | .49 | .53 | .48 |
| 2 fSFotherwork | | | Worked with the undergraduate students on activities other than coursework (...) | .47 | | .49 | .33 | |
| 3 fSFdiscuss | | | Discussed course topics, ideas, or concepts with the undergraduate students outside of class | .51 | .46 | | .51 | |
| 4 fSFperform | | | Discussed their academic performance with the undergraduate students | .45 | .26 | .45 | | |

FSSE 2013 Scales Internal Consistency Statistics by Division

| Theme | Scale | Variable name | Variable label | Intercorrelations (Lower shaded; Upper not shaded) | | | | | | |
|---------------------------|---|---|---|---|-----|-----|-----|-----|-----|-----|
| | | | | 1 | 2 | 3 | 4 | 5 | | |
| <i>Campus Environment</i> | Quality of Interactions | Cronbach's alpha: Lower = 0.85; Upper = 0.86 | | | | | | | | |
| | | 1 fQIstudent | Quality of interactions with... Other students | | .47 | .50 | .45 | .40 | | |
| | | 2 fQIadvisor | Quality of interactions with... Academic advisors | .46 | | .66 | .58 | .56 | | |
| | | 3 fQIfaculty | Quality of interactions with... Faculty | .45 | .63 | | .56 | .52 | | |
| | | 4 fQIstaff | Quality of interactions with... Student services staff... | .45 | .60 | .55 | | .72 | | |
| 5 fQIadmin | Quality of interactions with... Other administrative staff and offices... | .38 | .59 | .53 | .72 | | | | | |
| | Supportive Environment | Cronbach's alpha: Lower = 0.87; Upper = 0.86 | | | | | | | | |
| 1 fSEacademic | | Inst. increase... Providing support to help students succeed academically | | .64 | .39 | .35 | .43 | .38 | .28 | .29 |
| 2 fSElearnsup | | Inst. increase... Using learning support services (...) | .64 | | .42 | .37 | .42 | .38 | .29 | .30 |
| 3 fSEdiverse | | Inst. increase... Encouraging contact among students from different backgrounds... | .39 | .40 | | .50 | .48 | .41 | .39 | .51 |
| 4 fSEsocial | | Inst. increase... Providing opportunities for students to be involved socially | .37 | .36 | .53 | | .62 | .48 | .56 | .46 |
| 5 fSEwellness | | Inst. increase... Providing support for students overall well-being... | .43 | .41 | .48 | .62 | | .55 | .51 | .45 |
| 6 fSEnonacad | | Inst. increase... Helping students manage their non-academic responsibilities (...) | .37 | .37 | .41 | .48 | .56 | | .46 | .41 |
| 7 fSEactivities | | Inst. increase... Students attending campus activities and events (...) | .28 | .29 | .44 | .55 | .50 | .45 | | .62 |
| 8 fSEevents | Inst. increase... Students attending events that address important social/econ./polit. issues | .27 | .30 | .52 | .48 | .45 | .41 | .65 | | |

Notes:

- Results are based on faculty who responded to FSSE 2013, 6,974 who taught lower-division courses and 7,847 who taught upper-division courses at 146 U.S. institutions.