

National Survey of Student Engagement Measurement Scales, Component Items, and Alpha Reliabilities

<i>Scale</i>	<i>Items^a</i>	<i>α</i>
Benchmarks of Effective Educational Practice		
Level of Academic Challenge	readasgn, writemor, writemid, writesml, analyze, synthesz, evaluate, applying, workhard, acadpr01, envschol	.72
Active and Collaborative Learning	clquest, clpresen, classgrp, occgrp, tutor, commproj, oocideas	.63
Student-Faculty Interactions	facgrade, facideas, facplans, facfeed, facother, research ^b	.76
Enriching Educational Experiences	diffstu2, divrstud, envdivrs, cocurr01, itacadem, intern ^b , learncom ^b , volunte ^b , forlang ^b , studyabr ^b , indstudy ^b , seniorx ^b	.56 ^c
Supportive Campus Environment	envsocial, envsuprt, envnacad, envstu, envfac, envadm	.76
Complex Learning		
Deep Learning	integrat, divclass, intideas, facideas, oocideas, synthesz, analyze, evaluate, applying	.82
Higher Order Thinking	analyze, synthesz, evaluate, applying	.82
Integrative Learning	integrat, divclass, intideas, facideas, oocideas	.71
Diversity	divrstud, diffstu2, envdivrs	.65
Satisfaction		
General Satisfaction	entirexp, samecoll	.77
Satisfaction plus Quality of Campus Relationships	entirexp, samecoll, envstu, envfac, envadm, advise	.78
Campus Environment		
Environmental Emphases	envschol, envsuprt, envcompt, envdivrs, envnacad, envsocial, envevent	.80
Quality of Campus Relationships	envfac, envadm, envstu	.65
Gains Factors		
Personal/Social	gnethics, gncommun, gnspirit, gnself, gndivers, gnprobsv, gncitizi, gning, gnothers	.88
General Education	gnwrite, gnspeak, gnanaly, gngenled	.83
Practical Competence	gnwork, gncmpts, gnquant	.67

^a Important note: Some items are used more than once to comprise different scales. It is incorrect to include two scales composed of overlapping items in a single correlational model. (E.g., diversity items are included in both the Enriching Educational Experiences benchmark and the Diversity scale.)

^b These items must be dichotomized before including in a scale.

^c This alpha reliability improves to .61 by removing *cocurr01* and *envdivrs* from the scale, and to .64 by additionally removing *diffstu2*, *divrstud*, and *itacadem*.