Using factor analysis, the following scales were derived from multiple administrations of the Faculty Survey of Student Engagement (FSSE). The reliabilities below were calculated using data from the 2012 FSSE administration. Due to differences in item wording, response options, and component items, comparison of FSSE scale scores and scale or benchmark scores from NSSE is not recommended for assessment or research purposes. Visit www.fsse.iub.edu/links/resources for advice on appropriate FSSE-NSSE comparisons as well as for more information on the derivation of the FSSE scales.

**Quality Campus Relationships** \( (\alpha = .75) \)
- FENVSTU: Student relationships with other students
- FENVFAC: Student relationships with faculty members
- FENVADM: Student relationships with administrative personnel and offices

**Campus Support** \( (\alpha = .83) \)
- FENVDIVR: Encouraging contact among students from different economic, social, and racial or ethnic backgrounds
- FENVSUPR: Providing students support they need to help them succeed academically
- FENVNACA: Helping students cope with their non-academic responsibilities (work, family, etc.)
- FENVSOCA: Providing students the support they need to thrive socially
- FENVEVEN: Encouraging students to attend campus events and activities (special speakers, cultural performances, athletic events, etc.)
- FENVACT: Encouraging students to participate in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)

**Faculty-Student Interactions** \( (\alpha = .80) \)
- FCLQUEST: Frequently ask questions in class or contribute to class discussion
- FWORKHRD: Frequently work harder than they usually do to meet your standards
- FGRADE: Occasionally discuss grades or assignments with you
- FPLANS: At least once, talk about career plans with you
- FIDEAS: At least once, discuss ideas from readings or classes with you outside of class

**Emphasis on Intellectual Skills** \( (\alpha = .63) \)
- FGNWRITE: Writing clearly and effectively
- FGNSPK: Speaking clearly and effectively
- FGNANALY: Thinking critically and analytically
- FGNINQ: Learning effectively on their own

**Emphasis on Practical Skills** \( (\alpha = .66) \)
- FGNCMPTS: Using computing and information technology
- FGNOTHER: Working effectively with others
- FGNPROBS: Solving complex real-world problems
- FGNWORK: Acquiring job or work-related knowledge and skills

**Emphasis on Personal and Social Responsibility** \( (\alpha = .83) \)
- FGNSELF: Understanding themselves
- FGNDIVER: Understanding people of other racial and ethnic backgrounds
- FVALUES: Developing a personal code of values and ethics
- FSPIRIT: Developing a deepened sense of spirituality
Emphasis on Deep Approaches to Learning (α = .84)
Combination of the 3 subscales listed below

Importance of Reflective Learning (α = .82)
- FOWNVIEW: Examine the strengths and weaknesses of their views on a topic or issue
- FOTHRVW: Try to better understand someone else’s views by imagining how an issue looks from that person’s perspective
- FCHNGVW: Learn something that changes the way they understand an issue or concept

Emphasis on Integrative Learning (α = .68)
- FINTEGRA: Work on a paper or project that requires integrating ideas or information from various sources
- FOOCID05: Discuss ideas from your readings or classes with others outside of class (other students, family members, co-workers, etc.)
- FINTIDEA: Put together ideas or concepts from different courses when completing assignments or during class discussions
- FDIVCLAS: Have class discussions or writing assignments that include diverse perspectives (different races, religions, genders, political beliefs, etc.)
- FIDEAS: At least once, discuss ideas from readings or classes with you outside of class

Emphasis on Higher-Order Thinking (α = .75)
- FANALYZE: Analyzing the basic elements of an idea, experience, or theory, such as examining a particular case or situation in depth, and considering its components
- FSYNTHES: Synthesizing and organizing ideas, information, or experiences into new, more complex interpretations and relationships
- FEVALUAT: Making judgments about the value of information, arguments, or methods such as examining how others gathered and interpreted data and assessing the soundness of their conclusions
- FAPPLYIN: Applying theories or concepts to practical problems or in new situations