Higher Education Student Engagement Scale (HESES)

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| **Academic engagement** | |
| **Academic learning scale (ALS)** | |
| ALS1 | Regularly study on the weekends |
| ALS2 | Spend a lot of time to study on my own |
| ALS3 | Rarely skip classes |
| ALS4 | Usually come to class having completed readings or assignments |
| **Online engagement scale (OES)** | |
| OES1 | Regularly use web-based resources and information designed specifically for the course |
| OES2 | Regularly use email and/or other electronic means (such as WhatsApp, WeChat and Facebook) to contact friends in my course |
| OES3 | Regularly use the internet for study purpose |
| OES4 | Online resources (e.g. course notes, free software and materials on the web) are very useful for me |
| **Cognitive engagement** | |
| **Cognitive engagement scale (CES)** | |
| CES1 | Enjoy the intellectual challenge of courses studying |
| CES2 | Get a lot of satisfaction from studying |
| CES3 | Finding my course intellectually stimulating |
| CES4 | Usually motivated to study |
| **Social engagement with teachers** | |
| **Social engagement with teacher scale (SETS)** | |
| SETS1 | A real effort to understand difficulties in my work |
| SETS2 | Academic staff take an interest in my progress |
| SETS3 | Given helpful feedback on my progress |
| SETS4 | Usually available to discuss my work |
| **Social engagement with peers** | |
| **Peer engagement scale (PES)** | |
| PES1 | Regularly work with other students on course areas I have problems |
| PES2 | Regularly get together with other students to discuss courses |
| PES3 | Regularly study with other students |
| PES4 | Feel part of a group of students committed to learning |
| **Beyond-class engagement scale (BES)** | |
| BES1 | Tend to mix with other students at university |
| BES2 | Have made at least one or two close friends at university |
| BES3 | Actively involved in university extra-curricular activities |
| BES4 | Interested in the extra-curricular activities or facilities provided by university |
| **Affective engagement** | |
| **Affective engagement scale (AFES)** | |
| AFES1 | Really like being a university student |
| AFES2 | University has lived up to my expectations |
| AFES3 | Feel belong to the university community |
| AFES4 | Really like being on my campus |

Reference

Krause, K. L., & Coates, H. (2008). Students’ engagement in first-year university. *Assessment and Evaluation in Higher Education,* *33*(5), 493–505. <https://doi.org/10.1016/j.system.2017.01.010>

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