

Development and Pre-Use Evaluation of Instructional Materials in Undergraduate Animal Science Courses for Agriculture Programs

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ABSTRACT In order to facilitate meaningful learning, it is necessary to create and use quality but locally-suited instructional materials in higher education. In this study, three instructional materials (IMs) in Animal Science specialization were made and evaluated following a modified ADDIE model (ADDE). The pre-use evaluation, done by twenty agriculture faculty was conducted using an adopted and validated instrument. Results showed that all features of the three IMs are excellent in all of the criteria (objectives, contents, assessment, and language). The study is important in providing quality IMs for agriculture students, to improve their competencies in animal science courses. It is also beneficial for agriculture faculty since they can use readily-available IMs, and can focus more on mastering other teaching strategies and on performing other functions.