

Teaching-Research Integration at Curtin

What is teaching-research integration at Curtin and how do we know we achieve it?

Teaching and research are the core activities of a university. “Teaching” generally means engaging students in coursework courses, or supervising research. “Research” covers a spectrum of activities from knowledge application to knowledge discovery. At Curtin, teaching-research integration has four essential elements:

- i) using research about teaching to inform teaching;
- ii) incorporating current discipline research into the curriculum;
- iii) ensuring students have research skills; and
- iv) providing students with an opportunity to undertake research.

The following are examples of initiatives that support and monitor the achievement of these aspects of the teaching-research integration.

| | Currency of curriculum | Student achievement of thinking and research skills |
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| Undergraduate and postgraduate coursework courses | <p>Annual and comprehensive course reviews monitoring the success of courses.</p> <p>Graduate and employer feedback (from surveys such as the CEQ, GDS, eVALUate graduate and eVALUate employer) is used to indicate whether the curriculum adequately prepares the graduate for successful employment and work-readiness or further study.</p> <p>External industry stakeholders, through Advisory Boards and professional accrediting bodies monitor the currency of the curriculum.</p> | <p>At Curtin, undergraduate coursework students primarily learn to be critical evaluators of research and of the validity of new knowledge. To this end, graduate attributes 2 and 3 (critical thinking and information skills) are contextualised, embedded and assessed in every course. Curriculum maps show where precisely these outcomes are assessed.</p> <p>In addition, Honours, Postgraduate Diploma and Masters by coursework students undertake projects requiring research skills.</p> |
| Higher Degrees by Research | <p>Supervisors bring research expertise and the results of their own research to supervision</p> <p>Examiners Reports are monitored</p> | <p>Higher degree by research students acquire advanced research skills, not only in the critical evaluation of research, but in the creation of new knowledge.</p> |