

The Journey Maker (tJM): Curriculum Mapping

The Journey Maker (tJM) is a web-based curriculum design and visualisation tool developed by eLIPSE. It allows program and major coordinators to improve graduate outcomes through enhanced and rationalised course delivery, based on the critical analysis of learning pathways within curricula.

The Faculty of Science have an experienced team who can assist academics to map and analyse their curriculum.

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Professional Support Chantel Veldhoen
Project Manager

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tJM uses and benefits

Curriculum mapping uses include:

- rationalisation of existing, new, or restructured programs;
- formalisation and mapping of expected graduate competencies;
- identifying content scaffolding, deficits or repetition; and
- reviewing learning activities and assessment.

tJM provides various outputs to help with each of the above. It is tailored to the needs of individual projects in Step 1, as shown in the diagram below.

The mapping process itself can be beneficial through the development and consequent improved understanding and communication of program-specific expected graduate outcomes.

Supporting PA2 implementation

tJM may assist academics tasked with making informed decisions regarding program, plan, and course restructuring and viability. It can also assist in ongoing curriculum reviews and formal academic program reviews.

Core capabilities

tJM provides visualisation and analysis in five key areas:

1. **Attainment:** cognitive verbs within Intended Learning Outcomes, utilising Bloom's Taxonomy to assess learning level.
2. **Knowledge Topics:** distribution of learning content within courses and across curricula.
3. **Core Skills:** distribution of practical competencies within courses and across curricula.
4. **Graduate Attributes:** graduate attribute coverage within courses and across curricula.
5. **Course Linkages:** prerequisite and recommended prerequisite linkages.

Administrative support

The Faculty of Science tJM team is available to assist through all stages of curriculum mapping including tJM, development of project plans, and data collection, import, and reporting, offered at no cost to Schools.

For more information, please contact Jennifer Evans.

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