

Faculty of Science and Engineering, 2020 Plan on a Page

Learning and Student Experience

1. Continue to improve retention through a focus on clear targets and an integrated approach to employability outcomes for all students
2. Complete scheduled CARRs including a 5 year action plan for each course
3. Create a holistic marketing plan for postgraduate courses
4. Engage with Centre for Aboriginal Studies on implementing a transition pathway for indigenous Science and Engineering students
5. Create a learning and teaching leadership group to drive effective communication, governance, compliance and innovation

Research and Innovation

1. Develop research themes (building on research strengths) to support multi-disciplinary projects/teams
2. Improve relationships, collaboration and communication between the Research Office at Curtin, Faculty of Science and Engineering and Schools
3. Increase visibility of external funding opportunities (particularly Categories 2-4) and support researchers in accessing these funding opportunities
4. Foster a strong performance culture for research, enhanced by analytics and targeted support programs
5. Develop a domestic HDR scholarships scheme to attract the high quality students

Sustainable Future

1. Embed the 2020-2025 Faculty Strategic Plan with the creation of School Strategic Plans including School Plans on a Page
2. Model SAE financial commitments to allow us to create a focused investment plan
3. Review and confirm Faculty of Science and Engineering workload principles and workload allocation processes
4. Leverage Faculty Advisory Council to improve industrial links
5. Successfully achieve Engineers Australia Accreditation
6. Develop a faculty position on the impact of Climate Change on science and engineering activities

People and Culture

1. Establish and embed School governance structure across all Schools in the Faculty of Science and Engineering
2. Improve the Faculty of Science and Engineering communication pathways
3. Develop leadership capability, training and coaching within Faculty and Schools
4. Develop performance culture that underpins Curtin Conversations and promotion processes
5. Educate and train staff on new Workplace Health and Safety laws and embed new health and safety initiatives including staff training matrix and Take 5
6. Introduction of a Faculty of Science and Engineering wellness program in line with Curtin's wellness strategy

Global Positioning

1. Progress SLIIT towards full Curtin program in Engineering and Computing and work towards new offerings
2. Deepen and grow *existing* international academic partnerships
3. Consolidate Master of Professional Engineering towards financial sustainability
4. Implement industry linked education programs focused on priority markets
5. Progress One Curtin approach for staff development, collaborative teaching, inter-campus feedback and consultation with the creation of a global mobility incentive scheme for staff

Engagement and Impact

1. Explore commercialisation catalyst opportunities for research projects, in collaboration with the Research Office at Curtin.
2. Identify philanthropic priorities (including Super Science), working with the Office of Advancement to secure funding.
3. Identify (and promote) a pipeline of projects, in collaboration with the Library and Research Office at Curtin, with metrics to incentivise the delivery of case studies for the 2023 Engagement and Impact round.
4. Establish School/ Centre/ Institute Advisory Boards that have diverse representation from external stakeholders and that are fully engaged in reviews of curriculum & research strategy.
5. Faculty of Science and Engineering to appoint a senior Indigenous academic.
6. Develop a community engagement plan, in partnership with the Director of the Kalgoorlie campus and colleagues at regional locations where the Faculty has a presence (Muresk, Geraldton and the Pilbara region), to facilitate a community-based understanding of the Faculty's contributions to regional Western Australia.