WHO

The School of Computer Science, Engineering and Mathematics (CSEM) offers accredited degrees and world-class research in Engineering, ICT and Mathematics. The School is one of the fastest growing in Australia, and has more than 90 staff and 1,200 students.

WHAT

The School offers a wide-range of disciplines, including:

- Biomedical engineering
- Civil engineering
- Electrical and electronic engineering
- Information technology and software engineering
- Mathematics and statistics
- Mechanical engineering
- Design and innovation
- Engineering science and technology

The interconnectivity between disciplines is a major advantage for learning, teaching and research outcomes.

SCHOOL OF COMPUTER SCIENCE, ENGINEERING AND MATHEMATICS

“Tonsley will be a major contributor to both technological innovation and economic growth in South Australia in the decades to come. The presence of the University’s engineering, computing and mathematics activities at Tonsley places it where the action will be and enables it to contribute and grow as the innovation precinct develops.”

- Professor John Roddick, Dean of the School of Computer Science, Engineering and Mathematics
WHY

The cross-disciplinary nature of the School ensures emphasis is placed on relevant industry dilemmas, providing students with the skills and abilities required to succeed in the modern workforce.

The School has identified the importance of workplace experience and offers undergraduate students the opportunity to undertake the industry-based work placement.

FAST FACTS

- Flinders University biomedical engineer Professor John Arkwright and Flinders Medical Centre Senior Medical Scientist Associate Professor Phil Dinning led a multi-disciplinary team to win the Sir William Hudson Award for Engineering Excellence for the development of a novel pressure-sensing catheter at the 2014 Australian Engineering Excellence Awards.
- November 2013, CSEM staff attract $1.4 million worth of Australian Research Council grants.
- October 2013, Flinders wins Institute of Engineering and Technology Prize for the 13th time in 18 years.