

INNOVATING FOR HUMANS, MINOR (0288)

Western Sydney University Minor Code: 0288

Available to students in other Western Sydney University

Programs: Yes. Check that your program has the available credit points required to complete the subjects in this field of study. Any requisite requirements must also be met. Consult your Program Advisor for further advice.

Science, Technology, Engineering and Maths (STEM) are the enabling disciplines that have pushed us into a technological revolution that is seeing the boundaries between the physical, digital and biological worlds blur. When technology blends with biology we have the promise of a future world where we can all have healthier, more equitable and more productive lives. This takes transdisciplinary, innovative thinking, and an understanding of how humans interact with the world and the technology that can shape it. Students in this minor will learn how different disciplines combine to generate the thinking and creativity required to innovate and develop advanced products and innovations that can benefit humankind.

This minor is a Challenge Minor, which is an innovative transdisciplinary minor co-created with students as partners. With a Challenge Minor, your learning reaches beyond your discipline, giving you the chance to amplify your learning in new directions. For more information, visit the Challenge Minor (https://www.westernsydney.edu.au/educational_partnerships_and_quality/home/challenge_minors/) website.

Location

Campus	Mode	Advice
Parramatta (Victoria Road)	Internal	C.Jones@westernsydney.edu.au
Parramatta City	Internal	C.Jones@westernsydney.edu.au
Hawkesbury	Internal	C.Jones@westernsydney.edu.au
Campbelltown	Internal	C.Jones@westernsydney.edu.au
Penrith	Internal	C.Jones@westernsydney.edu.au

Minor Structure

Students must complete 40 credit points subjects as follows.

This minor requires students to complete 40 credit points in a transdisciplinary program.

Subject	Title	Credit Points
Select three of the following:		30
TEAC 2054	Scientific Discovery and Invention	
HLTH 2024	Research Methods in Health	
INFO 3003	Human-Computer Interaction	
ENGR 3023	Biomechanics in Product Innovation	
Students must complete the following core subject:		
NATS 3051	Innovation in Design and Delivery	10
Total Credit Points		40