



## Credit Transfer for Students from the University of Newcastle Mining Transfer program

The following table and associated notes set out the agreed credit transfer arrangements for students completing the University of Newcastle Mining Transfer Program and enrolling at the University of Wollongong (UOW). Students who complete the Mining Transfer Program will be eligible to enrol in the BE Mining degree at UOW and receive full credit, while students substantially completing the mining transfer program (i.e. only one or two subjects outstanding) may be accepted for enrolment on the approval of the Associate Dean (Education), Faculty of Engineering & Information Sciences at UOW; credit will be on a pro-rata basis.

Newcastle Core Subject Completed	Wollongong Credit Approved
GENG1803 Introduction to Engineering Practice, and PHIL3910 Technology and Human Values	ENGG105 Engineering Design for Sustainability, and List B elective
SURV1110 Surveying 1, and SURV1120 Surveying 2	CIVL272 Surveying, and List A elective
MATH2310 Calculus of Science and Engineering, and CIVL2050 Engineering computations and probability	MATH283 Advanced Engineering Mathematics and Statistics, and List A elective
GENG1001 Engineering Mechanics	ENGG102 Fundamentals of Engineering Mechanics
GENG1002 Introduction to Engineering Computations	ENGG100 Engineering Analysis and Computing
MATH1110 Mathematics 1	MATH141 Fundamentals of Eng. Mathematics
MATH1120 Mathematics 2	MATH142 Essentials of Engineering Mathematics
PHYS1205 Integrated Physics	PHYS143 Physics for Engineers
CIVL2720 Transportation Engineering and Design	List A elective
CIVL2130 Theory of Structures 1	ENGG251 Mechanics of Solids
CIVL2280 Geomechanics 1	CIVL361 Geomechanics
CIVL2240 Civil Engineering Materials	ENGG103 Materials in Design
CIVL2310 Fluid Mechanics	ENGG252 Fluid Mechanics

### Notes

1. If students replace CIVL2720 with CHEM1020 Introductory Chemistry 11, they will receive credit for CHEM103 Chemistry for Engineers at UOW
2. If students replace SURV1120 with ELEC1300 Electrical Engineering 1, they will receive credit for ENGG104 Electrical Systems at UOW.
3. If students complete only SURV1110 they will receive credit for CIVL272 only, but noting that the subjects vary in content. No credit will be given for SURV1120 on its own.
4. If students complete MATH2310 only they will be given credit for MATH291 Differential Equations (3cp) and will require STAT291 Engineering Statistics (3cp) to complete the requirements of MATH283.
5. If students complete CIVL2050 only they will be given credit for STAT291 (3cp) and will require MATH291 (3cp) to complete the requirements of MATH283.