

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
33130 <u>Mathematics 1</u> 6 CORE	33230 <u>Mathematics 2</u> 6 33130 <i>M1</i> CORE	41200 <u>Eng. Project Appraisal</u> 6 48230 <i>Int Eng Proj</i> CORE	41201 <u>Design Sust. Eng Proj</u> 6 41200 <i>Eng Proj App</i> OR 48230 <i>Int Eng Proj</i> 21214 <i>BSI</i> OR 22208 <i>ABS</i> CORE	41202 <u>Professional Eng Comm</u> 6 41201 <i>DSEP</i> CORE	41203 <u>Collaboration in Complex Proj</u> 6 41202 <i>Prof Eng Com</i> OR CORE	41029 <u>Eng Research Preparation</u> 6 48260 <i>EPM</i> 41048 <i>PPR 2</i> MAJ	41030 <u>Eng Capstone</u> 6 41029 <i>ERP</i> MAJ
68037 <u>Phys Mod</u> 6 CORE	48230 <u>Intro to Eng Proj</u> 6 CORE	48221 <u>Engineering Computations</u> 6 33130 <i>M1</i> MAJ	48330 <u>Soil Behaviour</u> 6 48331 <i>Mech. Solids</i> MAJ	<u>Elective</u> 6	30 <u>SMJ10163 Struct. Option</u> 6 MAJ	48366 <u>Steel & Timber Design</u> 6 48349 <i>Struc. An.</i> 48352 <i>Constr. Mat.</i> MAJ	48389 <u>Comp. Modelling & Design</u> 6 48366 <i>S & T Des.</i> 48353 <i>Concr. Des.</i> MAJ
48310 <u>Intro to Civil & Enviro Eng</u> 6 MAJ	48321 <u>Eng Mechanics</u> 6 33130 <i>M1</i> 68037 <i>Phys. Mod.</i> MAJ	48331 <u>Mech of Solids</u> 6 48321 <i>Eng. Mech.</i> OR 48620 <i>FME</i> MAJ	48349 <u>Structural Analysis</u> 6 48331 <i>Mech. Solids</i> 33230 <i>M2</i> MAJ	48641 <u>Fluid Mechanics</u> 6 33230 <i>M2</i> MAJ	48360 <u>Geotechnical Eng</u> 6 48330 <i>Soil Behav.</i> MAJ	<u>Elective</u> 6	48362 <u>Hydraulics & Hydrology</u> 6 48641 <i>Fluid Mech.</i> MAJ
27 <u>Civil option 1</u> 6 MAJ	27 <u>Civil option 1</u> 6 MAJ	48340 <u>Construction</u> 6 48310 <i>ICEE</i> MAJ	48352 <u>Construction Materials</u> 6 33230 <i>M2</i> 65111 <i>Chem. 1</i> OR 60101 <i>CMS</i> MAJ	48353 <u>Concrete Design</u> 6 48349 <i>Struc. An.</i> 48352 <i>Constr. Mat. [C]</i> MAJ	<u>Elective</u> 6	<u>Elective</u> 6	48371 <u>Adv Eng Comp</u> 6 48221 <i>Eng. Comp.</i> 48349 <i>Struc. An.</i> MAJ
		41035 <u>Prof Prac Pre 1</u> 3 48230 <i>Int Eng Proj</i> PP			41028 <u>Eng Work Exp</u> 41035 <i>PPP1</i> PP	41055 <u>Prof Exp Review</u> 3 41028 <i>EWE</i> 41035 <i>PPP1</i> PP	

Civil Option 1		SMJ10163 Structures		
Choose one from option		3 Core subjects	Choose one subject from the following option	
48320 <u>Surveying</u> 6 MAJ	48366 <u>Steel & Timber Design</u> 6 48349 <i>Struc. An.</i> 48352 <i>Constr. Mat.</i> MAJ	48389 <u>Comp. Modelling & Design</u> 6 48366 <i>S & T Des.</i> 48353 <i>Concr. Des.</i> MAJ	49131 <u>Bridge Design</u> 6 48389 <i>CMD</i> MAJ	49047 <u>Finite Element Analysis</u> 6 MAJ
60101 <u>Chem & Materials Sci</u> 6 MAJ	48371 <u>Adv Eng Comp</u> 6 48221 <i>Eng. Comp.</i> 48349 <i>Struc. An.</i> MAJ		49151 <u>Concrete Tech. & Practice</u> 6 MAJ	49150 <u>Prestressed Concrete Design</u> 6 48353 <i>Concr. Des.</i> MAJ

