

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
<p>33130 <u>Mathematics 1</u> 6</p> <p>CORE</p>	<p>33230 <u>Mathematics 2</u> 6</p> <p>33130 <i>M1</i></p> <p>CORE</p>	<p>68037 <u>Phys Mod.</u> 6</p> <p>CORE</p>	<p>41200 <u>Eng. Project Appraisal</u> 6</p> <p>48230 <i>Int Eng Proj</i></p> <p>42 CP</p> <p>CORE</p>	<p>41201 <u>Design Sust. Eng Proj</u> 6</p> <p>41200 <i>Eng Proj App</i> OR 48230 <i>Int Eng Proj</i> 21214 <i>BSI</i> OR 22208 <i>ABS</i></p> <p>60 CP</p> <p>CORE</p>	<p>41202 <u>Professional Eng Comm</u> 6</p> <p>41201 <i>DSEP</i></p> <p>CORE</p>	<p>41203 <u>Collaboration in Complex Proj</u> 6</p> <p>41202 <i>Prof Eng Com</i> OR</p> <p>CORE</p>	<p>41030 <u>Eng Capstone</u> 6</p> <p>41029 <i>ERP</i></p> <p>MAJ</p>
<p>48230 <u>Intro to Eng Proj</u> 6</p> <p>CORE</p>	<p>41092 <u>Network Fund</u> 6</p> <p>MAJ</p>	<p>41091 <u>Data Svstems</u> 6</p> <p>48024 <i>Prog. 2</i> OR 41082 <i>IDE</i></p> <p>MAJ</p>	<p>31005 <u>Machine Learning</u> 6</p> <p>31250 <i>IDA</i> 48024 <i>Prog. 2</i> OR 41091 <i>Data Sys.</i></p> <p>MAJ</p>	<p>41001 <u>Cloud Comp & Soft as a Serv</u> 6</p> <p>31061 <i>Data. Prin.</i> OR 48024 <i>Prog. 2</i> OR 31271 <i>Data. Fund.</i> OR</p> <p>MAJ</p>	<p>41088 <u>Prof Studio A</u> 6</p> <p>41087 <i>ASB</i> OR 48260 <i>EPM</i></p> <p>MAJ</p>	<p>41029 <u>Eng Research Preparation</u> 6</p> <p>48260 <i>EPM</i> 41048 <i>PPR 2</i></p> <p>144 CP</p> <p>MAJ</p>	<p><u>Elective</u> 6</p> <p>MAJ</p>
<p>41082 <u>Intro to Data Engineering</u> 6</p> <p>MAJ</p>	<p>31250 <u>Intro to Data Analytics</u> 6</p> <p>MAJ</p>	<p>31271 <u>Database Fundamentals</u> 6</p> <p>48023 <i>Prog. Fund.</i> OR 48430 <i>FCP</i> OR 41039 <i>Prog 1</i></p> <p>MAJ</p>	<p>41086 <u>Appl Studio A</u> 6</p> <p>41085 <i>FSB</i> OR 48520 <i>E&C</i> OR 48441 <i>IDS</i> OR 48434 <i>IES</i></p> <p>48 CP</p> <p>MAJ</p>	<p>41087 <u>Appl Studio B</u> 6</p> <p>41086 <i>ASA</i></p> <p>MAJ</p>	<p>48730 <u>Cybersecurity</u> 6</p> <p>31268 <i>Web Sys.</i> OR 41082 <i>IDE</i> OR 65325 <i>DTI</i> 41092 <i>Net. Fund.</i></p> <p>MAJ</p>	<p>41089 <u>Prof Studio B</u> 6</p> <p>41088 <i>PSA</i> OR 48471 <i>ICTA</i></p> <p>MAJ</p>	<p><u>Elective</u> 6</p>
<p>41039 <u>Programming 1</u> 6</p> <p>MAJ</p>	<p>41084 <u>Fund Studio A</u> 6</p> <p>41082 <i>IDE</i> OR 48510 <i>IEEE</i></p> <p>MAJ</p>	<p>41085 <u>Fund Studio B</u> 6</p> <p>41084 <i>FSA</i></p> <p>MAJ</p>	<p>32 <u>CBK92152 Data Science Choice</u> 6</p> <p>MAJ</p>	<p>32 <u>CBK92152 Data Science Choice</u> 6</p> <p>MAJ</p>	<p>32 <u>CBK92152 Data Science Choice</u> 6</p> <p>MAJ</p>	<p><u>Elective</u> 6</p>	<p><u>Elective</u> 6</p>
		<p>41035 <u>Prof Prac Pre 1</u> 3</p> <p>48230 <i>Int Eng Proj</i></p> <p>PP</p>			<p>41028 <u>Eng Work Exp</u></p> <p>41035 <i>PPP1</i></p> <p>PP</p>	<p>41055 <u>Prof Exp Review</u> 3</p> <p>41028 <i>EWE</i> 41035 <i>PPP1</i></p> <p>PP</p>	

CBK92152 Data Science Engineering Choice - 18cp

Select 18 CP from the following

31253 Database Programming 6	32146 Data Visual. Vis. Analytics 6	41180 Data Anal. in Cybersecurity 6	41891 Cloud Comp. Infrastructure 6	42050 SAS Predictive Bus Analytics 6	48024 Programming 2 6
31271 Data. Fund. OR	31250 IDA	48730 Cybersec. OR	31270 Netw. Essen. OR	31250 IDA OR	48023 Prog. Fund. OR
31061 Data. Prin.	48024 Prog. 2 OR	41181 ISM OR	41092 Net. Fund.	32130 FDA	48430 FCP OR
	32130 FDA	41182 SS OR			41039 Prog 1
		41084 FSA			
MAJ	MAJ	MAJ	MAJ	MAJ	MAJ
31256 Image Proc. & Patt. Recog. 6	41043 Natural Lan. Processing 6	41183 Privacy Preserving 6	42028 Deep Learn. & Conv. Neu. Net. 6	42913 Social & Info. Net. Analysis 6	
48024 Prog. 2	41040 Int. AI OR	48730 Cybersec. OR	31250 IDA OR		
41039 Prog 1 OR	31250 IDA	41181 ISM OR	32130 FDA		
48023 Prog. Fund.		41182 SS OR			
41085 FSB		41184 SPPT			
MAJ	MAJ	MAJ	MAJ	MAJ	120 CP

