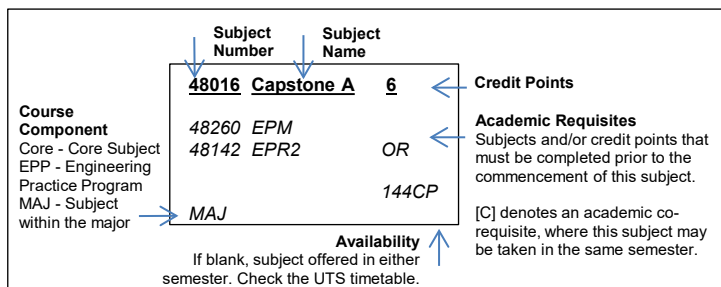


Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8
33130 Mathematics 1 6 CORE AUT-SF	31265 Comm for IT Professionals 6 CORE AUT-SF	43025 Intro Quantum Computing 6 37151 OR 33230 M2 MAJ	41080 Theory of Comp Science 6 37181 DM 48024 Prog. 2 CORE	31251 Data Struc. and Algorithms 6 48024 Prog. 2 CORE	32144 Tech. Research Preparation 6 32144 TRP OR 42670 RS OR 41079 CSS2 OR MAJ	32931 Tech. Research Methods 6 32144 TRP OR 42670 RS OR 41079 CSS2 OR CORE	31482 Honours Project 12 32931 TRM
37181 Discrete Mathematics 6 Core AUT	33230 Mathematics 2 6 33130 M1 CORE AUT-SF	37233 Linear Algebra 6 33230 M2 CORE AUT-SF	41092 Network Fund 6 CORE	41079 Computing Sci Studio 2 6 41078 CSS1 CORE	49 Quantum Info. Science Option 6 MAJ	31272 Proj Mnt and the Professional 6 31269 BRM 31266 IIS 31265 CITP OR 48230 Int Eng Proj OR 41078 CSS1 72-78 C CORE	
31266 Intro to Info. Svs. 6 CORE AUT-SF	31269 Business Req't. Modelling 6 31266 IIS CORE Adm AUT-SF	48024 Programming 2 6 48023 Prog. Fund. OR 48430 FCP OR 41039 Prog 1 CORE	41076 Methods in Quantum Comp 6 41170 IOC OR 43025 IQC OR 68413 Quant. Physics 37233 Linear Algebra MAJ	31268 Web Systems 6 CORE	CBK92127 Sub- major/electives 6	49 Quantum Info. Science Option 6 MAJ	49 Quantum Info. Science Option 6 MAJ
41039 Programming 1 6 CORE AUT-SF	31271 Database Fundamentals 6 48023 Prog. Fund. OR 48430 FCP OR 41039 Prog 1 CORE AUT-SF	41078 Computing Sci. Studio 1 6 36 CP CORE	41173 Quantum Software & Programming 6 41170 IOC OR 43025 IQC OR 48023 Prog. Fund. OR 41039 Prog 1 OR 68416 CP MAJ	CBK92127 Sub- major/electives 6	CBK92127 Sub- major/electives 6	CBK92127 Sub- major/electives 6	49 Quantum Info. Science Option 6 MAJ



Quantum Information Science major options

Select 6 credit point from options:

<p><u>41052 Adv Algorithms</u> 6</p> <p>31251 DSA</p> <p>MAJ</p>	<p><u>31250 Intro to Data Analytics</u> 6</p> <p>MAJ</p>	<p><u>37161 Probability & Random Vars.</u> 6</p> <p>33130 M1</p> <p>MAJ</p>	<p><u>41172 Quantum Info Theory</u> 6</p> <p>41076 MQC</p> <p>MAJ</p>
<p><u>42028 Deep Learn. & Conv. Neu. Net.</u> 6</p> <p>31250 IDA OR 32130 FDA</p> <p>MAJ</p>	<p><u>31005 Machine Learning</u> 6</p> <p>31250 IDA OR 48024 Prog. 2 OR 41091 Data Sys.</p> <p>MAJ</p>	<p><u>41174 Quantum Algorithms</u> 6</p> <p>41076 MQC</p> <p>MAJ</p>	
<p><u>41175 Emerg Topics Quant Info Sci</u> 6</p> <p>41076 MQC 41173 QSP</p> <p>MAJ</p>	<p><u>37262 Mathematical Statistics</u> 6</p> <p>33230 M2 37161 Prob Random Va.</p> <p>MAJ</p>	<p><u>41171 Quantum Comp & Architectures</u> 6</p> <p>41076 MQC</p> <p>MAJ</p>	