

Minor: Fibre and Polymer Engineering

Course substitution arrangements for students who continue their studies according to the curriculum of 2022-2024 during the transitional period of 1.8.2024 - 31.12.2025, when some of the courses of the curriculum 2022-2024 are no longer taught.

Elective courses (20-25 cr)			
Code	Course name	ECTS credits	Equivalence in 1.8.2024 - 31.12.2025
<u>CHEM-E2100</u>	Polymer Synthesis	5	The course continues
<u>CHEM-E2120</u>	Fibres and Fibre Products	5	CHEM-E2122 Fibre Processes
<u>CHEM-E2130</u>	Polymer Properties	5	The course continues
<u>CHEM-E2140</u>	Cellulose-based Fibres D	5	CHEM-E2129 Nanocellulose Technology
<u>CHEM-E2150</u>	Interfacial Phenomena in Biobased Systems D	5	CHEM-E2121 Surface Chemistry of Bio-based Materials D
<u>CHEM-E2160</u>	Product Development Practices	5	CHEM-E1170 Introduction to Sustainability in the Bioeconomy D
<u>CHEM-E2225</u>	Wood Material Science	5	The course continues
<u>CHEM-E2235</u>	Wood Products and Processes	5	The course continues
<u>CHEM-E2125</u>	Web-based Natural Fibre Products	5	CHEM-E2236 Board manufacture project course (the first time in autumn 2025). In 2024-2025, a book exam can be arranged.
<u>CHEM-E2135</u>	Converting of Web-based Products	5	CHEM-E2230 Packaging Surface Modification and Coating. Organised for the first time fall 2025. In 2024-2025, a book exam can be arranged (please contact Eero Hiltunen).
<u>CHEM-E2145</u>	Polymer Reaction Engineering D	5	The course continues
<u>CHEM-E2155</u>	Biopolymers D	5	The course continues
<u>CHEM-E2200</u>	Polymer Blends and Composites	5	The course offered for the last time in 2024-2025
<u>CHEM-E2220</u>	Product Development Project Course	5	CHEM-E2236 Board manufacture project course or CHEM-E2230 Packaging Surface Modification and Coating