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Chemical engineers apply the principles of chemistry, biology, physics, and math to solve problems that involve the production or use of chemicals, fuel, drugs, food, and many other products. They design processes and equipment for large-scale manufacturing, plan and test production methods and

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Engineering | ScienceDirect

Branches of chemical

engineering. The fundamental

principles of chemical engineering

underlie the operation of

processes extending well beyond

the boundaries of the chemical

industry, and chemical engineers

are employed in a range of

operations outside traditional

areas. Plastics, polymers, and

synthetic fibres involve chemical-  
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