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• Bioseparation
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• Nanobiotechnology

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• Process integration of biorefineries
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• Biorefinery value chain optimisation
• Integration of biorefinery concepts with food processing
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• Biorefinery sustainability metrics
• Dynamic modelling and analysis of biorefinery systems

**Food and drink process engineering**

• Engineering for food safety
• Environmental issues in food manufacture
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• Packaging
• Plant, process and product design
• Processing and microstructure interactions
• Unit operations, process modelling and optimisation in food engineering

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• Fouling and cleaning
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