



# PROGRAMME

Training course

## DISTILLATION – EXTRACTION : INTENSIFICATION

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2 days

**ENSIACET**  
**4 Allée Emile Monso**  
**31030 Toulouse**  
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## **Day 1**

8h45-9h00	Participants welcome
9h00-10h30	<b>Lecture 1: Fundamentals on unit operations (distillation and extraction). Similarities and differences</b>
10h30-10h45	Coffee break
10h45-12h15	<b>Lecture 2: Principles of process intensification (miniaturization, activation, multifunctionality, periodicity)</b>
12h15-14h00	Lunch
14h00-15h30	<b>Lecture 3: Reactive distillation (principles and applications)</b>
15h30-15h45	Coffee break
15h45-17h15	<b>Lecture 4: Reactive extraction (principles and applications)</b>

## **Day 2**

9h00-10h30	<b>Lecture 5: Intensified distillation technologies (DWC, HIDIC, RPB)</b>
10h30-10h45	Coffee break
10h45-12h15	<b>Lecture 6: Intensified extraction technologies</b>
12h15-13h30	Lunch
13h30-15h00	<b>Lecture 7: Technology Selection Chart</b>
15h00-15h15	Coffee break
15h15-16h30	<b>Lecture 8: Prospects. Future challenges in distillation and extraction</b>
16h30-17h00	<b>Discussion. Conclusion</b>