

Course: Mass Balances

credits: 2

Course code	CTVP8MBA	Modes of delivery	Lecture
Name	Mass Balances		Tutorial
Study year	2022-2023	Assessments	Mass Balances - Written, organised by STAD examinations
ECTS credits	2		
Language	Dutch, with parts in English		
Coordinator	A. Klokhorst		

Learning outcomes

After following this module, the successful student will be able to:

- Describe and sketch a single or multiple unit operation system in a process flow diagram;
- Convert between mass, mole molecules, and mole atoms in component streams in a single unit operation (and recognize where necessary to do so)
- Setup mass- /mole-balances over a single unit operation without chemical reaction, and solve (calculate the unknowns);
- Setup mass- /mol-balances over a single unit operation with chemical reaction, and solve (calculate the unknowns);
- Setup mass- /mol-balances over multiple unit operations with chemical reaction and recycle stream, and solve (calculate the unknowns)

Content

Level: introductory (1)

Content:

Included in programme(s)

Chemical Engineering

School(s)

Institute for Life Science & Technology

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