

Addendum OER 2024/2025 After Revision

Gewijzigd op 9 december 2024 waarbij Bijlage 5.a en Bijlage 5.b met terugwerkende kracht per 1 september 2024 in werking is getreden.

Betreft : Invulling IChemE track

Achtergrond /background De TU/e bacheloropleiding Scheikundige Technologie is door de IChemE¹ opnieuw geaccrediteerd. Deze accreditatie is gebaseerd op het Bachelor programma Scheikundige Technologie na revisie en hiermee is het programma dat de studenten moeten volgen om het IChemE label te verkrijgen overeenkomstig gewijzigd.

Bijlage 5/ Appendix 5 Invulling van de IChemE-track, van de Onderwijs- en Examenregeling Bacheloropleiding Scheikundige Technologie

- a. De TU/e bacheloropleiding Scheikundige Technologie is door de IChemE geaccrediteerd. Deze accreditatie geldt voor studenten uit de cohorten vanaf cohort 2023 die in hun bachelor programma de zogenaamde IChemE-track hebben opgenomen en voor het bachelorexamen geslaagd zijn. De IChemE track bestaat uit de volgende onderwijseenheden:

Amendment PER 2024/2025 After Revision

Amended on December 9, 2024, whereby Appendix 5. a. and Appendix 5. b came retroactive into effect on September 1, 2024.

Concerns: Implementation IChemE track

The TU/e Bachelor's program in Chemical Engineering and Chemistry has been reaccredited by IChemE¹. This accreditation is based on the Bachelor program Chemical Engineering and Chemistry after revision and therefore the program the students have to complete to be granted the IChemE label has been changed accordingly.

The completing of the IChemE track of the Program and Examination Regulations of the Bachelor program Chemical Engineering and Chemistry

The TU / e Bachelor's program in Chemical Engineering has been accredited by IChemE . This accreditation applies to students from the 2023 cohort onwards that have incorporated the so-called IChemE track within their bachelor's program and have passed the final examination.

The IChemE track consists of the following study components:

¹ Institution for Chemical Engineers, <http://www.icheme.org/>

IChemE track	Subject Code	Subject name
Core Courses Chemical Engineering and Chemistry	6BBR01 6BBR02 6BBR03 6BBR04 6BBR05 6BBR06 6BMR01 6BPR01 6BAR01 6BMR02 6BMR03 6BMR04	Introduction to Molecules and Processes Practical and Inorganic chemistry Calculus for CE&C Thermodynamics and Chemical Bonding Advanced Calculus for CE&C Programming and Linear Algebra Organic Chemistry 1 Physical Transport Phenomena 1 Physical Chemistry 1 Organic Chemistry 2 Materials Science 1 Biochemistry and technology
	6BMR05 6BPR02 6CBL01 0LVX30 6BPR03 6BAR02 6BPR04 4CBLW00	Polymer Chemistry & Technology 1 Physical Transport Phenomena 2 CBL Molecules and Materials ITEC Ethics of Technology and Engineering Separation Technology Kinetics and Electrochemistry Chemical Reactors Multidisciplinary CBL
	6BAR03 6CBL02 6BMR06 0LVX20	Chemical Bonding & Spectroscopy CBL Process Technology Materials Science 2 ITEC Engineering for Society
Electives to be included in the study program	6BER03 6BER06 6BER07 6BER09	Numerical Methods Energy Conversion and Storage Process Dynamics and Control CBL Process Design
USE Courses	0LAUHO	Decisions under Risk and Uncertainties project course*

*The module 0LUAH0 Decisions under Risk and Uncertainty project course will be taught for the last time in academic year 2024-2025. The course will be replaced with a second process design elective course which will include HAZOP evaluation starting academic year 2025-2026. The information about this new course will be available starting April 2025.

b. Procedure voor het aanvragen van de IChemE-track toevoeging op het diplomasupplement

Studenten uit de onder a. genoemde cohorten die in het individuele examenprogramma alle onderwijseenheden van de bovenstaande IChemE-track hebben opgenomen en opteren voor de IChemE-track toevoeging op het BSc. diplomasupplement, dienen uiterlijk één maand voorafgaand aan de vaststelling van hun slagen voor het afsluitend bachelorexamen een verzoek in te dienen via [Osiris Zaak](#). De examencommissie controleert of de student aan de IChemE-track voorwaarden heeft voldaan.

Procedure for requesting adding the IChemE track mention to the diploma supplement

Students from cohorts mentioned under a. who have included all examination components of the above IChemE track in their individual study program and opt for the IChemE track mention on the BSc. Diploma Supplement need to submit a request via [Osiris Case](#), at the latest one month prior to the meeting where the Board of Examiners determines the result of the final Bachelor's examination. The Board of Examiners will check whether the student fulfills the IChemE track conditions.