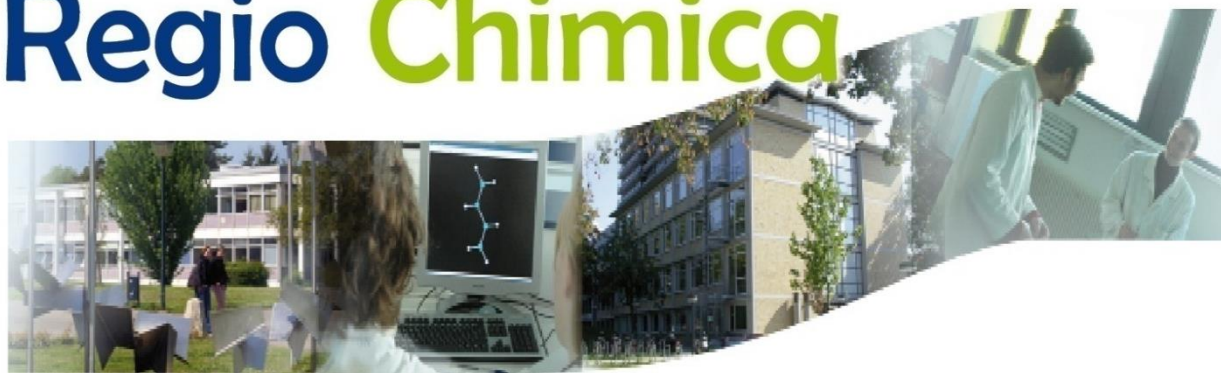


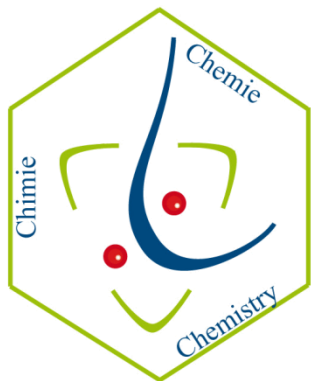
Regio Chimica



Licence transfrontalière en chimie
Grenzüberschreitender Chemie-Bachelor

Start 2010

ONE COURSE, TWO COUNTRIES, TWO DEGREES



Transborder – bilingual - bicultural context

Upper-Rhine region:

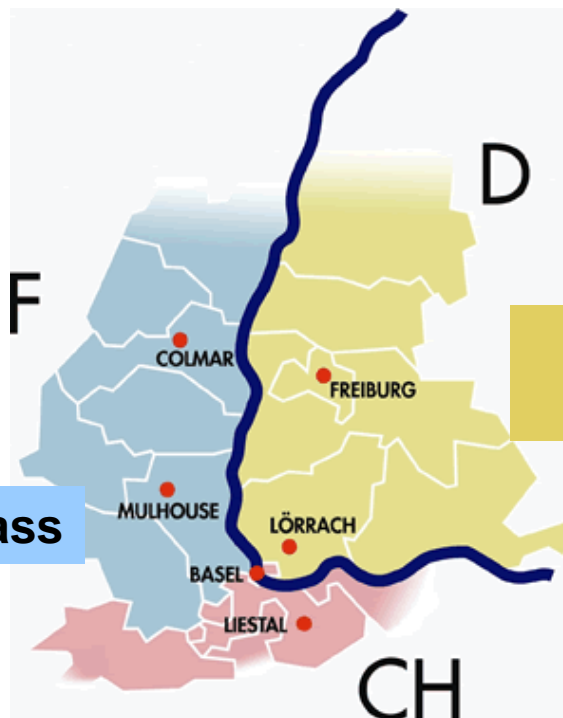
Worldwide leading industry and companies

Focus:

Chemistry and Pharmacy



Chemists with intercultural education are needed

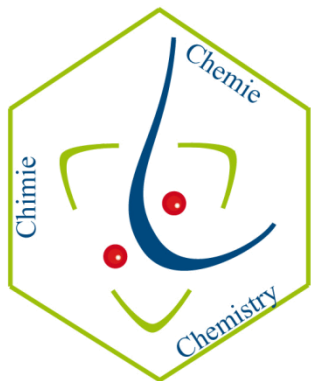


Süd-Elsass

Freiburg-Hochrhein

Nordwest-Schweiz

ONE COURSE, TWO COUNTRIES, TWO DEGREES



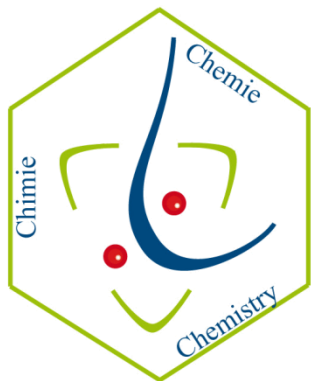
Regio Chimica



Study course with double degree: Licence/Bachelor

- in chemistry
- transborder
- trilingual and tri(?)cultural

ONE COURSE, TWO COUNTRIES, TWO DEGREES



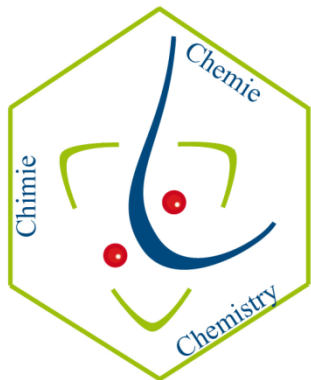
Partner universities



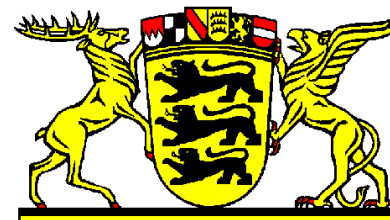
Fakultät für Chemie
und Pharmazie



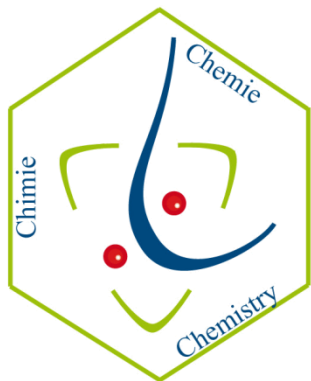
ONE COURSE, TWO COUNTRIES, TWO DEGREES



supporter



ONE COURSE, TWO COUNTRIES, TWO DEGREES



Students

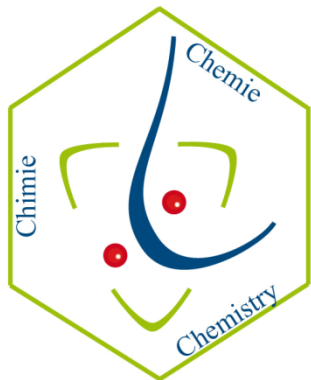
Limited access: max. 30 students
Ca. 60 applications per year (F > D)
Ca. 20-30 students per year
until end of 2017 – 99 graduates



2/3 female
1/3 male



ONE COURSE, TWO COUNTRIES, TWO DEGREES



Course of Study

Année / Jahr 1

Studium in / Etudes à
MULHOUSE

all in French

Année / Jahr 2

Etudes à / Studium in
FREIBURG

all in German

Année / Jahr 3

Studium in FREIBURG

je nach gewähltem
Schwerpunkt

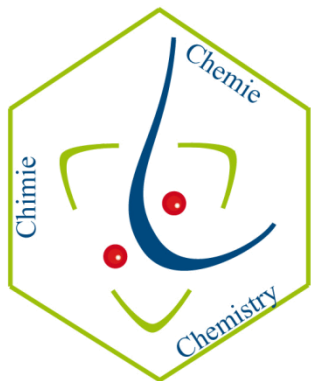
ou /
oder

Etudes à MULHOUSE

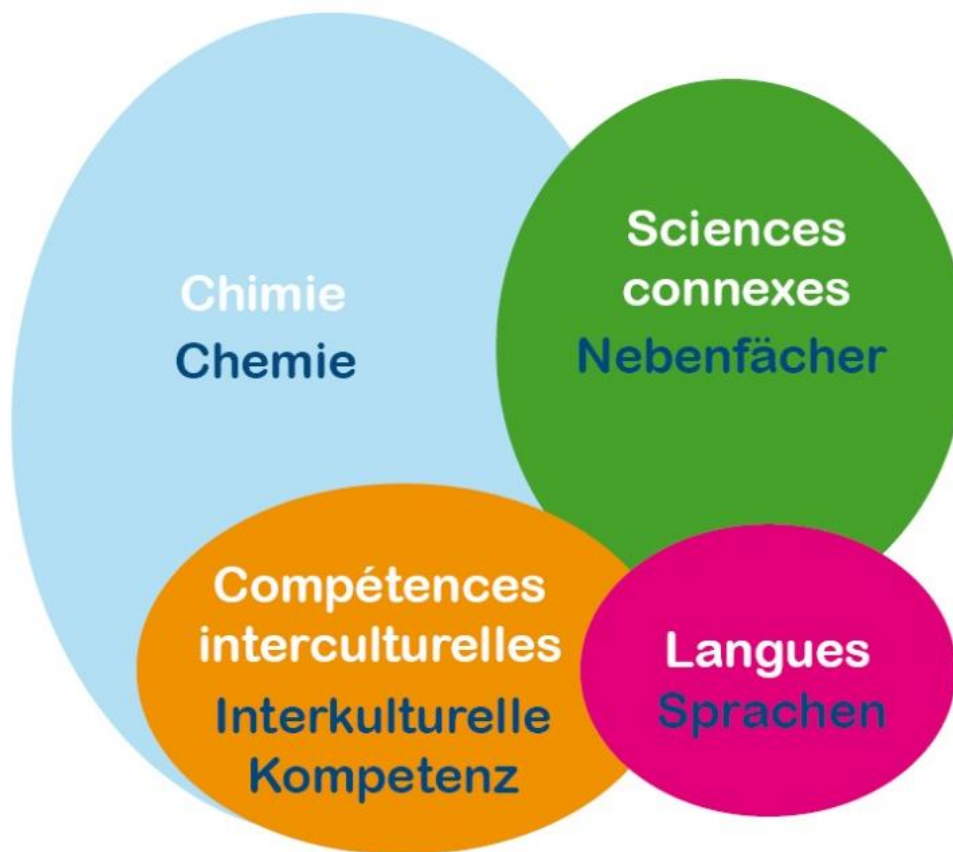
en fonction de
l'option choisie

Année / Jahr 3

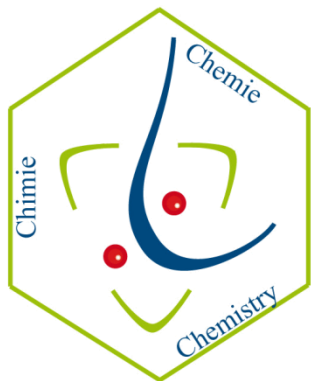
ONE COURSE, TWO COUNTRIES, TWO DEGREES



Content



ONE COURSE, TWO COUNTRIES, TWO DEGREES



complementarity of the curriculum

1. year Mulhouse

50 % of the courses in particular designed for Regio Chimica

Basics in chemistry

General chemistry, inorganic and analytical chemistry, physical chemistry, organic chemistry

maths and physics

Intercultural modules

3. year Freiburg or Mulhouse (FST or ENSCMu)

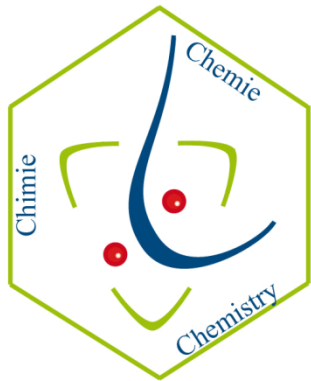
2. year Freiburg

Lectures/exercises of BSc chemistry, practical courses modified

Continuation in chemistry

Inorganic chemistry, physical chemistry, organic chemistry, biochemistry, polymer chemistry

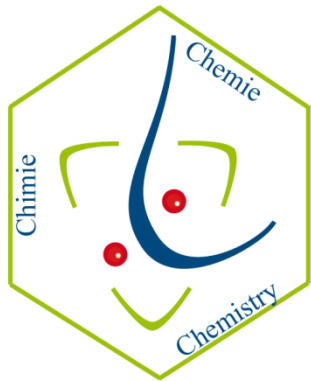
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Intercultural modules

- **Conceptual support:**
 - NovaTris: Centre for transborder competences of the UHA
 - Collaboration with coordinators of the courses in Freiburg and Mulhouse
- **Content:**
 - **Development of intercultural competences:**
 - Intercultural communication, German-French tandem for language, rhetoric and presentation, team management etc.
 - « **Landeskunde** » **D/F/CH/EU**
 - System of education in 3 countries, history of the european integration, industry and companies in Upper Rhine region, sustainable development etc.
- **Volume:**
 - Semester 1 to 4 (18 ECTS)
 - 3 meetings with intercultural supervision in 3. year

ONE COURSE, TWO COUNTRIES, TWO DEGREES



Languages

- **German and French**
 - 1 year teaching and every days life in the partner country
 - German-French Tandem for language (lectures, seminars intercultural modules)
 - Language of the « other » partner in intercultural moduls

- **English**

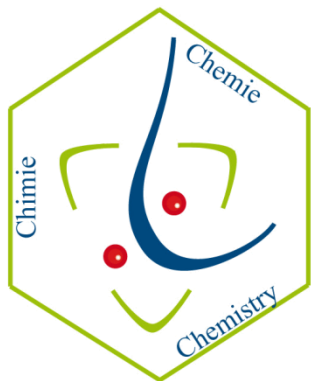
Mulhouse

- 1. year: English courses and 60 h practical courses in English
- 3. year: English courses

Freiburg

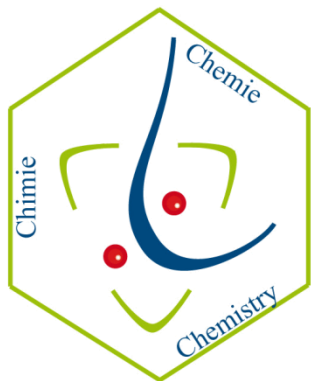
- 2. and 3. year: English courses with Freiburger Zentrum für Schlüsselqualifikationen (ZfS)

ONE COURSE, TWO COUNTRIES, TWO DEGREES



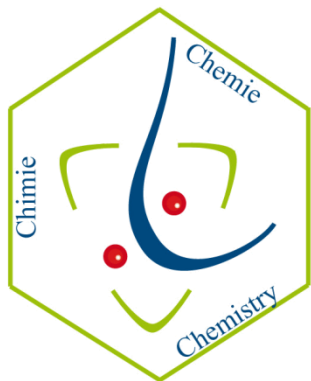
Coordination and supervision of the students

- Coordinators of the courses in Mulhouse and Freiburg
- Head of study program on both sides
- NovaTris (intercultural moduls)
- 2x year, meeting of the steering committee



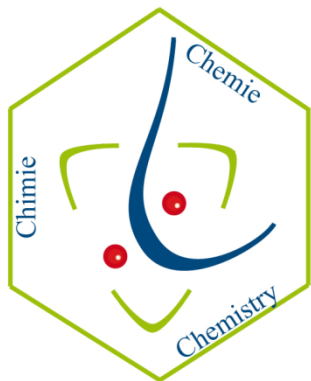
Networking of students / graduates

- Meeting 1. and 2. year (parenthood)
- Bachelor graduation ceremony
- Alumni association « Amicale Regio Chimica »
- 3x year intercultural supervision
- Exchange via facebook groups



Development since 2010

- Since 2010 seven courses
 - Constantly 20-30 beginners (D/F close to parity)
 - break-off share remarkably low (10-15 %)
 - Curranly nearly 100 degrees
 - Foundation of the alumni association « Amicale Regio Chimica »
 - Prix Bartholdy 2014



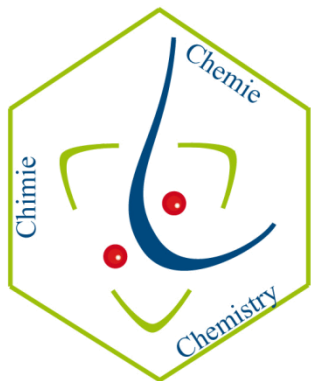
Additional value of Regio Chimica

For the students:

Acquirement of knowledge on cultural differences and acquirement of intercultural competences by:

- (at least) 1 year stay in the partner country
- 2-3 years living in a bilingual-bicultural group
- intercultural moduls
- three languages (French, German, English)
- open for additional (international projects, european administration, ...)

ONE COURSE, TWO COUNTRIES, TWO DEGREES



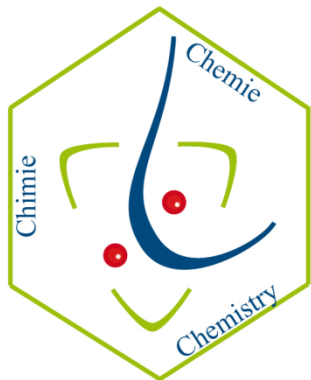
Additional value of Regio Chimica

For the university:

New type of students:

- new type of students
- new fields for graduates
- best conditions for binational and international collaboration
- active part of a « real » European project

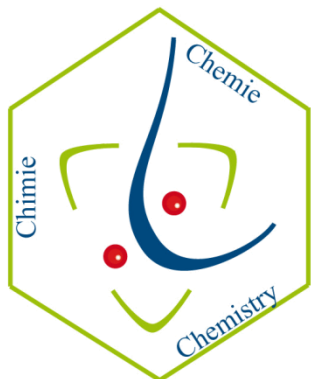
ONE COURSE, TWO COUNTRIES, TWO DEGREES



Requirements / Preconditions

Reasons for success

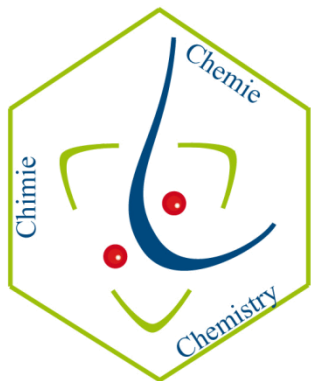
- Dedicated persons (lecturers, students, coordinators, ...)
- Responsibility by persons not institutions
- Support by the institutions (university, government, funding, ..)
- Balance between compromise and acceptance
- Confidence / credit / reliance



Problems and challenges

- Different systems in education, science, administration, ...
- « Every day a new problem » (or an old one)
- Abitur – BAC
- Universität – Grand École
- Marks – compensation

- Acquisition of know-how
- Long term funding (persons)!



Profile Regio Chimica

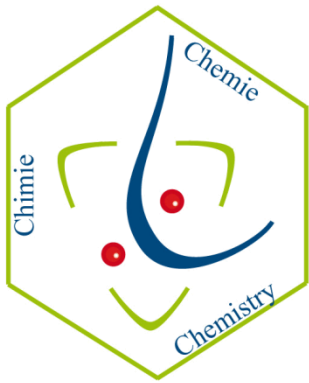


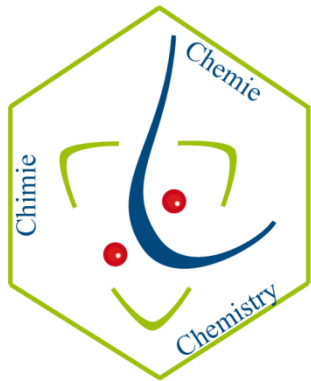
DES CHIMISTES DE HAUT NIVEAU POUR
L'INDUSTRIE ET LA RECHERCHE
EUROPÉENNES

ERSTKLASSIGE CHEMIKERINNEN UND
CHEMIKER FÜR DIE EUROPÄISCHE
FORSCHUNG UND INDUSTRIE

FIRST-CLASS CHEMISTS FOR
EUROPEAN RESEARCH, INDUSTRY,
AND MORE

ONE COURSE, TWO COUNTRIES, TWO DEGREES





Unterstützende studienbegleitende Veranstaltungen

- Einführungswochen Mulhouse und Freiburg
- Treffen 1. und 2. Jahr
- Semesterbegleitende Tutorate in Freiburg
- Informationsveranstaltung zum 2. Jahr in Freiburg
- Informationsveranstaltung zur Wahl 3. Jahr