



WORK OFFER

Ref. No. CN-2020-WAN-BC04

Employer Information

Employer: Wanhua Chemical Group
Yantai/Beijing/Ningbo

Yantai/Beijing/Ningbo
China

Website: www.whchem.com
Location of placement: Yantai/Beijing/Ningbo
Nearest airport:
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 1000+

Business or products: Wanhua Chemical's main business segments consists of four parts: Polyurethane, Petro-Chemicals, Performance Solutions and Special Chemicals.

Student Required

General Discipline: 40C-CHEMISTRY, MATERIAL SCIENCE, AND
CHEMICAL ENGINEERING

Field of Study: 14.0701-Chemical Engineering.
14.0702-Chemical and Biomolecular Engineering.
14.2501-Petroleum Engineering.
14.3201-Polymer/Plastics Engineering.
40.0501-Chemistry, General.

Completed years of study: 2

Student status requirements: No

Language required: English Excellent

Required Knowledge and Experiences:

• Students with Chemistry, Materials Engineering, Chemical Engineering background.

Other requirements:

- Bachelor Degree (completed or in progress), or above.
- Open minded, proactive and ambitious.
- Preferred having lab and research experience.

Work Offered

Wanhua Chemical has the main business in R&D, production and sales of PU series products, like isocyanate and polyol; the series petrochemical products, like PO/AE; the functioning materials of water-based coatings and the specialty chemicals. Wanhua Chemical has set up R&D centers, manufacturing bases and business centers in Yantai, Ningbo, Beijing, etc. The company will decide where you are going to take your IAESTE experience, depending on your specialization.

Here below a general job description with the possible projects that your mentor/supervisor will assign you depending on your specialization, interest and knowledge. (Please mention on your cover letter your specialization and interest).

PROJECT 1: (More related to Chemistry)

- Assist mentor/supervisor on other day-to-day jobs.
- Assist in sample pretreatment for instrumental analysis.
- Assist in R & D of polymer analysis method.
- Assist in the development of chemical analysis methods such as chromatographic, spectrum, etc.
- Assist in the operation and maintenance of analytical chemistry related instruments.
- Contribute to laboratory safe and health work.

PROJECT 2: (More related to Material Engineering, Polymer/Plastic Engineering)

- Assist mentor/supervisor on other day-to-day jobs.
- Contribute to laboratory work
- Assist in the application development of degradable plastic.
- Assist in test the degradable plastic.
- Assist in the research and development of Polyoxymethylene/ Polyurethane materials
- Assist in polymer processing and characterization work in lab.
- Assist in the investigation for aromatic products such as benzene, toluene, etc.
- Assist in developing analyzing methods for unknown materials (mostly polymers).
- Assist in improving the HSE of the lab.

PROJECT 3: (More related to Chemical Engineering, Quality management, Lean Management)

- Assist mentor/supervisor on other day-to-day jobs.
- Assist colleagues in the use of quality management tools.
- Assist in preparing reports and proposals related to process improvement and quality management systems adjustments.
- Assist colleagues in the use of Lean management and six-sigma management tools.

Number of weeks offered: 10 - 12
Within the months: 06-JUL-2020 - 30-SEP-2020
Or within: -
Company closed within: -

Working environment: Research and development; Office work
Gross pay: 2000 CNY / Month
Deduction to be expected: 0
Payment method / time of first payment: Cash /

Latest possible start date:

Accommodation

Canteen at work: Yes

<i>Expected type of accommodation:</i>	Student dormitory	<i>Estimated cost of lodging:</i>	0 CNY / Month
<i>Accommodation will be arranged by:</i>	Employer	<i>Estimated cost of living incl. lodging:</i>	1000 CNY / Month

Additional Information

- IAESTE China team is working together with your employer bringing a cross-cultural program into the company. IAESTE China will help you to follow your nomination with the employer. If an interview is required, IAESTE China will contact through email to arrange your interview.
 - After being accepted, IAESTE China team will help to issue your acceptance documents and will guide you on how to apply for your Chinese Visa and other important information.
 - The Visa behind this offer for 3 months is issued under IAESTE program in China. After 3 months, if the employer and IAESTE China agree to extend your stay in China, the extension of the Visa will be under your employer. IAESTE China will help your employer in case of extension if necessary.
 - Your accommodation is arranged by the employer. The accommodation could be in a shared apartment with other IAESTE trainees or in a host-family. Once being accepted, you will receive more information about your accommodation.
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Nomination Information

Deadline for nomination: 29-FEB-2020

Date: 31-JAN-2020 *On behalf of receiving country:* Richard Wu