



Zuzanna Walkowiak

Nationality: Polish **Date of birth:** 22/08/2000 **Phone number:** (+48) 694154010

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Home: ul. Wąska 8, 64-115 Wilkowice (Poland)

WORK EXPERIENCE

Intern in R&D Department

PCC Rokita [01/07/2022 – 30/09/2022]

City: Brzeg Dolny

Country: Poland

- conducting the purification process of polyols,
- controlling the process parameters - temperature, pressure, concentration of reactants,
- maintenance of semibatch reactors,
- carrying out the chemical analysis of the obtained products.

Intern in R&D Department

PCC Rokita [22/11/2022 – 28/02/2023]

City: Brzeg Dolny

Country: Poland

- conducting the synthesis and purification process of polyols,
- controlling and analysing the impact of the process parameters (e.g. temperature, pressure and concentration of reactants) on the properties of the obtained products,
- maintenance of semibatch reactors,
- carrying out the chemical analysis of the polyether polyols (e.g. check the viscosity, pH, hydroxyl number),
- analysing the application possibilities of obtained products.

Member of Marketing Department

"TuTech" Science Club at the Wrocław University of Science and Technology [01/03/2023 – Current]

City: Wrocław

Country: Poland

Website: https://www.instagram.com/tutech.pwr/?__coig_restricted=1

- leading an instagram account,
- copywriting.

EDUCATION AND TRAINING

Master of Technology of Fine Chemicals

Wrocław University of Science and Technology [01/03/2023 – Current]

City: Wrocław

Country: Poland

Website: <https://pwr.edu.pl/en/>

Field(s) of study: Natural sciences, mathematics and statistics: *Chemistry*

Engineer of Chemical Technology

Wrocław University of Science and Technology [01/10/2019 – 03/02/2023]

City: Wrocław

Country: Poland

Website: <https://pwr.edu.pl/en/>

Final grade: 5.0

Type of credits: ECTS – **Number of credits:** 210

Thesis: Heterocyclic phosphonic acids: synthesis and application as metal chelators.

- maintenance of chemical equipment (e.g. pH meter, conductometer, IR spectrometer),
- gaining laboratory skills (e.g. weighing, solution preparation, titration),
- carrying out the synthesis and purification process of different substances (e.g. column chromatography, crystallization),
- knowledge of advanced chemistry (e.g. environmental protection in chemical technology, process modeling, recycling, BAT, chemical technology)
- knowledge of Ms Office, Statistica, Polymath, Origin,
- teamwork, working under pressure, time management,
- data analysis and draw conclusions.

Tutee in University Tutoring Programme

Wroclaw University of Science and Technology [01/11/2020 – 31/12/2022]

City: Wrocław

Country: Poland

Website: <https://pwr.edu.pl/en/>

Field(s) of study: Natural sciences, mathematics and statistics: *Chemistry*

- carrying out scientific research (complex compounds) under academic professor's supervision,
- gaining knowledge of complex compounds,
- practising language skills - focus on academic and technical language,
- participation in academic conferences.

LANGUAGE SKILLS

Mother tongue(s): Polish

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Microsoft Powerpoint / Microsoft Word / Microsoft Excel / Molecule editor ChemDraw / Basic knowledge of Polymath / Basic knowledge of Statistica / Origin software / Joel Delta

Soft skills

Organized, planner and punctual / Good teamwork skills / Hard-working

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018(Journal of Laws 2018, item 1000) and in agreement with Regulation(EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC(General Data Protection Regulation)