



# Example of Research Chemist Job Description

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Our innovative and growing company is looking for a research chemist. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for research chemist

- Conduct synthetic polymer research to develop new products for a specific 3D printing application
- Develop new technology platforms to support future business needs
- Accountable for the execution of projects under strict timelines and minimum supervision
- Setup and execute chemical functionalization and multi-step synthesis
- Identify external resources to outsource and /or collaborate to develop new technologies, concepts and botanically sourced chemical entities
- IP development and review
- Conduct research to identify and develop new/improved technologies, formulas, test methods, claims , screening assays and ingredients
- Develop appropriate experimental plans, technical models and hypotheses for technical problems/research to guide technology development
- Work closely with Melville material science , SAS and BSR groups
- Develop/implement key measurement methods of analysis

## Qualifications for research chemist

- Expert-level understanding of molecular electronic structure properties and structure-function relationships
- Bachelor or M.Sc
- Bachelor or Master degree in Chemistry (preferably polymer related) or college degree with at least 2 years working experience in chemical lab

- Bachelor degree in Chemistry or Materials Science (preferably polymer-related) with professional experience or Master degree without experience