



Huntsman is a global manufacturer and marketer of differentiated chemicals. Its operating companies manufacture products for a variety of global industries. Originally known for pioneering innovations in packaging and, later, for rapid and integrated growth in petrochemicals, Huntsman today has 13,000 employees and operates from multiple locations worldwide.

## **Master Student in Rapid Prototyping (m/f) (ref : RP-MG01)**

The student will join the Core Research team of the Advanced Materials division based in Basel. The traineeship is to last between 6 - 8 months.

Principal accountabilities entrusted during the traineeship :

- Develop a prototype "Degree of Cure – Sensor"
- Support the Araldite Digitalis Rapid Prototyping project in Rapid manufacturing technology
- Design an innovative device to determine the degree of cure in photocured polymer specimen
- Develop proof-of-principle measurements with simplified device
- Use of spectroscopic and calorimetric methods in the Advanced Material characterization Lab
- Manufacture and perform tests of a prototype "Degree of Cure-sensor".
- Respect Environment Health & Safety principles and manage the maintenance of laboratories and lab instruments

Our ideal student is organised and flexible and is studying **Physics, Nanoscience, Electrical Engineering or related**. The student has also to show the ability to work with rapid prototyping and characterisation techniques. Good oral and written English and German skills are necessary. The student is IT literate (MS-office) and has already a sound knowledge of chemistry and **ideally** polymer science.

If you are interested in this traineeship, please do not hesitate to send us your application to **Huntsman Advanced Materials (Switzerland) GmbH**, Mrs. Maryse Wohnhass, K-401.2.95, Klybeckstrasse 200, CH - 4002 Basel or [maryse\\_wohnass@huntsman.com](mailto:maryse_wohnass@huntsman.com)