

## Chemistry 4000 – Organometallic Chemistry

Instructor: Dr. Paul G. Hayes  
Office: E870 (University Hall)  
E-mail: [p.hayes@uelth.ca](mailto:p.hayes@uelth.ca)  
URL: <http://people.uleth.ca/~p.hayes/>

**Prerequisites:** Chemistry 2600, Chemistry 3830

### Course topics:

1. Structure and bonding in transition metal organometallic complexes
2. Reactions of organometallic transition metal complexes
3. Homogeneous catalysis
4. Special topics