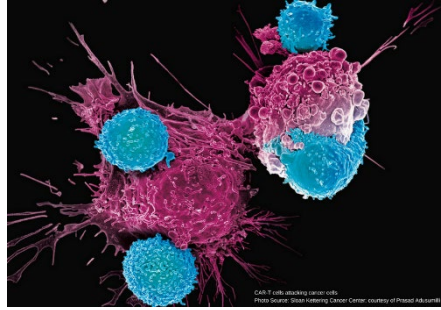


# 03-490 Advanced Topics in Immunology – Cancer Immunotherapy



- Elective for **Biological Sciences Majors**
- **6 Units (W2)**
- **Pre-requisites: Biochemistry (03-231/232) and Cell Biology (03-240)**

## • **Learning Goals/Course Topics**

- To expose students to new developments in immunology.
- To illustrate the role of interdisciplinary science in new developments in a field.
- Provide students appropriate skills to understand the theory behind new technologies.

### **Topics**

- Antibody Engineering
- Cytokine therapies
- T-cell based therapeutics
- Vaccine development

**Instructor:**  
**Dr. Gordon Rule**

**Student evaluation:** 2 exams, weekly analysis and presentation of current literature, final paper.

