Globally, 2 billion people are micronutrient deficient, 200 million children are stunted or wasted, and 2 billion adults are overweight or obese. The prevalence of malnutrition—exacerbated by a ballooning world population—is an increasingly urgent threat to food security.

*Biofortification, the process of developing nutrient-dense food crops, will be a key contributor towards ensuring global food security.*

In this course we will explore:

- Recent progress in crop biofortification
- Role of key vitamins, minerals, amino acids, and phytonutrients in health
- Concepts in crop genomics, biochemistry, and nutrition relevant to biofortification