**LECTURE SYLLABUS**

**(General medicine)**

**Pathophysiology of metabolism**

**Definitions, basic terms**

Energy units

Metabolism of carbohydrates, lipids and proteins

Energetic metabolism

**Nutrition - quantitative and qualitative**

- Malnutrition

- Obesity

**Inborn disorders of metabolism**

**Diabetes mellitus type I and II**

Properties and effects of insulin

The role of glucagon and glucocorticoids

Qualitative and quantitative diagnosis of the diabetes

Acute complications of the diabetes

- Diabetic coma

- Hypoglycemic shock

Late (chronic) complications of the diabetes

Therapy of the diabetes

- Diet

- Peroral antidiabetics

- Insulin administration