

## **101431 Endodontics (1)**

[3 cr., 2, 2] The course is designed to introduce the basic material used in endodontics and the knowledge concerned with the morphology, physiology and pathology of the human dental pulp and periradicular tissues. Development of the dental pulp, classification and nature of endodontic disease, clinical diagnosis, and fundamentals of root canal therapy will thoroughly be approached.

**Lab:** The course is designed to provide students with basic manual dexterity to perform all phases of root canal treatment on anterior and posterior teeth and understand the indications and contraindications of endodontic therapy and the role played to maintain patients' dentition in conjunction with other dental disciplines. Study of pulp morphology, anatomy, cleaning and shaping of root canals; access openings; use of irrigating solutions and intracanal medications; obturating the canal and judging the complete treatment with radiographs.