



Course  
syllabus

### **Contact learning (30 credits)**

There are 11 Units spread over two years, each lasting between 2-5 days and they consist of:

- Each unit consists of interactive seminars and practical sessions
- Practical sessions to develop skills for a range of surgical procedures commonly used in implant dentistry. Assessment of the practical exercises will be carried out
- 3 units take place in Europe

### **Clinical component (45 credits)**

- Observation of clinical procedures being carried out at accredited training practices
- Four clinical case reports (or six if submitting for the Advanced Certificate) will be carried out under the guidance of Tutors

### **Self-directed distance learning (45 credits)**

- Participants will be provided with a list of publications to review and read
- Participants will be required to undertake research to answer clinical questions
- Participants will be required to critically appraise published literature for its validity and usefulness in clinical practice
- Participants will be required to complete assignments in key topics

**Completing the course will give you the equivalent of 120 postgraduate credits.**

The syllabus is a modern approach to all of the relevant subjects including;

Scientific and didactic content:

- Physiology
- Bio-materials
- Medical evaluation (including bio-chemical analysis, microbial analysis, blood analysis, urine analysis, anti-microbial prescription and pharmacology)

Documentation and record keeping:

- Medico-legal aspects
- Informed consent
- Treatment plans

- Clinical records
- Communication with other specialists

Patient assessment and treatment planning:

- Conventional radiographic imaging
- Interactive CT scans
- MRI scans
- Bone densitometry

Surgery:

- Soft tissue management
- Hard tissue management
- Bone expansion
- Ridge expansion

Asepsis theory and practice:

- Training of surgical assistants and dental care professionals
- Timescales:
- Delayed placement, hard tissue management
- Soft tissue management
- Immediate placement, delayed loading
- Immediate loading

Augmentation:

- Guided bone regeneration,
- Autogeneous bone grafts, sinus augmentation and use of bone substitutes
- Interdisciplinary treatment:
- Interfacing with ENT surgery, oral and maxillofacial surgery,
- orthodontics, periodontics, anaesthesia, and other disciplines

Restorative phases:

- Provisional restorations

- Transitional restorations
- Definitive restoration

Impression techniques:

- Open tray
- Closed tray
- Conventional
- Impressions at first stage surgery

Fixed restorations:

- Single teeth
- Short span bridges
- Full arch restorations
- Cement retained
- Screw retained
- Lateral fixation screw retained

Removable prosthesis:

- Ball attachments
- Balls and clips
- Precision attachments
- Telescopic crowns (konus)