



## Syllabus

### *Introduction for Basic & Clinical Research (MS.c + DMD)* **- 97942**

*Last update 30-11-2014*

HU Credits: 3

Responsible Department: Bio-Medical Sciences in Dentistry

Academic year: 1

Semester: Yearly

Teaching Languages: Hebrew

Campus: Ein Karem

Course/Module Coordinator: Dr. Gilad Ben-Gal

Coordinator Email: [gilad.bengal@mail.huji.ac.il](mailto:gilad.bengal@mail.huji.ac.il)

Coordinator Office Hours: Wednesday 14:00- 16:00

Teaching Staff:  
Dr. Galit Almoznino

Course/Module description:

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*Training in cavity preparation, preliminary exposure to basic concepts in restorative dentistry, introduction to restorative materials and the use of basic dental appliances.*

*Course/Module aims:*

- 1. Develop basic manual dexterity skills required for restorative dentistry.*
- 2. Familiarize the student with the basic principles of cavity preparation.*
- 3. Familiarize the student with the dental clinical environment.*
- 4. Train the student in evaluating dental cavities*

*Learning outcomes - On successful completion of this module, students should be able to:*

- ☐ *Prepare dental cavities in a composite plate based on specific guidelines.*
- ☐ *List the relevant parameters for cavity preparation.*
- ☐ *Evaluate, criticize and correctly grade cavity preparations.*

*Attendance requirements(%):*

*80%*

*Teaching arrangement and method of instruction: Labs*

*Course/Module Content:*

- ☐ *Introduction to restorative dentistry*
- ☐ *Principals of cavity preparation*
- ☐ *Restorative materials*
- ☐ *Principals of cavity evaluation*
- ☐ *Preparation of cavities in various geometric shapes*

*Required Reading:*

*Sturdevant's Art and Science of Operative Dentistry 5th Editio, Fundamentals in Tooth Preparation chapter 6.*

*Additional Reading Material:*

*None*

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*Course/Module evaluation:*

*End of year written/oral examination 90 %*

*Presentation 0 %*

*Participation in Tutorials 0 %*

*Project work 0 %*

*Assignments 0 %*

*Reports 0 %*

*Research project 0 %*

*Quizzes 10 %*

*Other 0 %*

*Additional information:*

*Module evaluation:*

*o Written Test □ 10%*

*o Practical Examination □ 90%*

*o Continuous assessment of practical work*

*Additional information:*

*Passing grade -70*