

<b>Name of the course</b>	<b>Positron emission tomography (PET) Chemistry and PET Radiopharmaceuticals</b>
Number of instruction hours	20
Outline of course/module content	Physics and instrumentation in PET, PET radionuclide production, Radiohalogen for PET imaging, <sup>18</sup> F Radiochemistry, <sup>11</sup> C Labeling Strategies, Progress in <sup>11</sup> C radiochemistry, PET as a tracer method in drug development, PET imaging in oncology, Future perspectives for PET/CT
Description of instruction methods	Lectures and visit to PET Centre of Ruđer Bošković Institute (Ruđer Medikal Cyclotron Ltd.)
Description of course/module requirements	Presentation of seminar papers