

IP in Innovative Science	IPR Intensive Entrepreneurship
<p>Dates offered: 7-9 March 2016</p>	<p>Dates offered: 4-6 April 2016</p>
<p><b>MODULE 1 – INTRODUCTION TO IP</b>  <u>Learning objectives</u>  Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Have a basic knowledge of the main characteristics of different intellectual property rights (IPR), particularly in what concerns subject matter of protection and rights available to creators of different types of IP</li> <li>✓ Recognise the relevant IPR applicable to concrete creations and/or aspects thereof</li> <li>✓ Know how to obtain IP protection</li> </ul> <p><u>Description of the module</u>  1 day training (6h).  Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ Definition, characteristics and justification of IP</li> <li>✓ Overview of the different IPR: patents, trademarks, copyright, design, trade secrets</li> <li>✓ Subject matter of protection of each right</li> <li>✓ Overview of rights available to creators and inventors</li> <li>✓ Obtaining protection and defending IP rights</li> <li>✓ Ownership issues (employer/employee; transactions involving IP)</li> </ul>	<p><b>MODULE 4 – IP ENTREPRENEURSHIP</b>  <u>Learning objectives</u>  Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Identify the IPR-related challenges and business opportunities in the field of innovative science in general and patents in particular</li> <li>✓ Understand how entrepreneurs operate</li> <li>✓ Learn how to maximize the commercial opportunities of start-up ventures</li> <li>✓ Understand the financing aspects of creative products</li> </ul> <p><u>Description of the module</u>  1 day training (6h).  Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ IP recap</li> <li>✓ Patents and knowledge as a business assets</li> <li>✓ Overview of different business models</li> <li>✓ Creating and managing a start-up company</li> <li>✓ Creating effective business plans and financial forecasts</li> <li>✓ Raising capital and understanding the mind-set of investors</li> </ul>
<p><b>MODULE 2 – IPR FOR INNOVATIVE SCIENCE</b>  <u>Learning objectives</u>  Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Outline the different protected elements of a patent in Europe and elsewhere</li> <li>✓ Identify the aspects of a patent that can be protected</li> <li>✓ List the different options and routes for protection of a patent</li> <li>✓ Recognize situations of infringement of a patent and identify ways of dealing with such infringement</li> </ul> <p><u>Description of the module</u>  1 day training (6h).  Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ The function of trade secrets, patents and their protection</li> <li>✓ Requirements for patent protection in Europe and elsewhere</li> <li>✓ Requirements for protection and protectable subject matter of patents in Europe as compared to the USA</li> <li>✓ Routes for obtaining patent protection worldwide, including costs</li> <li>✓ Scope of protection of patents and the doctrine of equivalents</li> <li>✓ Limitations to patent protection</li> <li>✓ Cumulative protection of patents and other</li> </ul>	<p><b>MODULE 5 – MANAGING YOUR IP</b>  <u>Learning objectives</u>  Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Develop a systematic understanding of the freedom to operate in the market</li> <li>✓ Understand the ways in which IP may be exploited</li> <li>✓ Identify the ethical issues involved in the exploitation of IP</li> </ul> <p><u>Description of the module</u>  1 day training (6h).  Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ Due diligence and freedom to operate</li> <li>✓ IP collaborations and partnerships</li> <li>✓ Options for commercializing IP</li> <li>✓ Contracting and licensing</li> <li>✓ Ethical issues in IP exploitation</li> </ul>

<p>IP rights</p> <ul style="list-style-type: none"> <li>✓ Patent infringement, freedom to operate, and options for dealing with it</li> </ul>	
<p><b>MODULE 3 – IP IN PRACTICE AND NEW TRENDS</b></p> <p><u>Learning objectives</u></p> <p>Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Understand the workings and limitations of IP in life sciences, biotechnology, and materials</li> <li>✓ Contextualize IP in the framework of life sciences, materials and forms of exploitation</li> </ul> <p><u>Description of the module</u></p> <p>1/2 day training (4h).</p> <p>Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ International and EU responses to challenges posed by disruptive technologies</li> <li>✓ Digital content, the Internet, and new dimensions of IP infringements</li> <li>✓ Specific challenges: 3D printing, and Internet of Things</li> </ul>	<p><b>MODULE 6 – MANAGING YOUR IP</b></p> <p>Upon completion of this module, students should be able to:</p> <ul style="list-style-type: none"> <li>✓ Develop a systematic understanding of a start-up as a spin-out vehicle</li> <li>✓ Understand the ways in which a legal entity may be structured</li> <li>✓ Understand the legal and business environment of IP</li> <li>✓ Identify the value proposition of an undertaking</li> </ul> <p><u>Description of the module</u></p> <p>½ day training (4h).</p> <p>Format: interactive workshop with mix of lectures, discussions and exercises.</p> <p>Topics covered:</p> <ul style="list-style-type: none"> <li>✓ Incorporating a start-up</li> <li>✓ Negotiating technology licensing agreements</li> <li>✓ Presenting a value proposition for an undertaking</li> </ul>
<p><b>Assignment 1:</b> Patent Landscaping</p>	<p><b>Assignment 2:</b> Pitch your own project without breaking the InSciTe IP Guidelines</p>