



**"ALEKSANDËR MOISIU" UNIVERSITY DURRËS**  
**FACULTY OF INFORMATION TECHNOLOGY**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**PROFESSIONAL MASTER IN MULTIMEDIA AND DIGITAL TELEVISION**  
**IMAGE PROCESSING PROFILE**

Course/Module		Category	ECTS	Semester
<b>1st Semester</b>				
<b>1</b>	Mathematics for Multimedia	<b>A</b>	<b>6</b>	<b>I</b>
<b>2</b>	Advanced Technologies in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>3</b>	Multimedia Laboratory	<b>B</b>	<b>6</b>	<b>I</b>
<b>4</b>	Seminar in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>5</b>	Project Management	<b>D</b>	<b>6</b>	<b>I</b>
<b>2nd Semester</b>				
<b>6</b>	Digital Image Processing	<b>B</b>	<b>6</b>	<b>II</b>
<b>7</b>	Biometric Systems	<b>C</b>	<b>6</b>	<b>II</b>
	Virtual Reality			
<b>8</b>	Computer Vision	<b>C</b>	<b>6</b>	<b>II</b>
	Signal and Systems			
<b>9</b>	Machine Learning and Applications	<b>C</b>	<b>6</b>	<b>II</b>
	Computational Geometry			
<b>10</b>	Final Exam/Project	<b>E</b>	<b>6</b>	<b>II</b>



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**PRODUCTION AND POST-PRODUCTION PROFILE**

Course/Module		Category	ECTS	Semester
<b>1st Semester</b>				
<b>1</b>	Mathematics for Multimedia	<b>A</b>	<b>6</b>	<b>I</b>
<b>2</b>	Advanced Technologies in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>3</b>	Multimedia Laboratory	<b>B</b>	<b>6</b>	<b>I</b>
<b>4</b>	Seminar in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>5</b>	Project Management	<b>D</b>	<b>6</b>	<b>I</b>
<b>2nd Semester</b>				
<b>6</b>	Film and Media Production	<b>B</b>	<b>6</b>	<b>II</b>
<b>7</b>	Visual Effects	<b>C</b>	<b>6</b>	<b>II</b>
	Color Correction and Color Editing			
<b>8</b>	Audio Editing and Mastering	<b>C</b>	<b>6</b>	<b>II</b>
	3D Sound in Multimedia			
<b>9</b>	Multimedia Content Compression, Synchronization and Delivery	<b>C</b>	<b>6</b>	<b>II</b>
	Advanced Video Editing			
<b>10</b>	Final Exam/Project	<b>E</b>	<b>6</b>	<b>II</b>



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**3D ANIMATION PROFILE**

Course/Module		Category	ECTS	Semester
<b>1st Semester</b>				
<b>1</b>	Mathematics for Multimedia	<b>A</b>	<b>6</b>	<b>I</b>
<b>2</b>	Advanced Technologies in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>3</b>	Multimedia Laboratory	<b>B</b>	<b>6</b>	<b>I</b>
<b>4</b>	Seminar in Multimedia	<b>B</b>	<b>6</b>	<b>I</b>
<b>5</b>	Project Management	<b>D</b>	<b>6</b>	<b>I</b>
<b>2nd Semester</b>				
<b>6</b>	Animation of Elements	<b>B</b>	<b>6</b>	<b>II</b>
<b>7</b>	Advanced 2D Animation	<b>C</b>	<b>6</b>	<b>II</b>
	Stop Motion			
<b>8</b>	Advanced 3D Animation	<b>C</b>	<b>6</b>	<b>II</b>
	Motion Graphics			
<b>9</b>	Character Animation	<b>C</b>	<b>6</b>	<b>II</b>
	Visual Effects			
<b>10</b>	Final Exam/Project	<b>E</b>	<b>6</b>	<b>II</b>