

# COURSE GUIDE – short form

Academic year 2015- 2016

Course name <sup>1</sup>	Sustainable development in Agriculture					Course code	DO.DS.10 4.1		
Course type <sup>2</sup>	DID	Category <sup>3</sup>	DI	Year of study, (Master)	I	Semester	I	Number of credit points	6

Faculty	FACULTY OF MECHANICS	Number of teaching and learning hours <sup>4</sup>						
Field	Mechanical Engineering	Total	L	T	LB	P	IS	
Specialization	Nonpolluting development in Agriculture and Food Industry	56	28	28	-	-	-	

Pre-requisites from the curriculum <sup>5</sup>	Compulsory	
	Recommended	Agricultural Machines, Recycle of Agricultural Waste and Residues from Agriculture and Food Industry

General objective <sup>6</sup>	<ul style="list-style-type: none"> <li>To learn about the objectives of sustainable development, as a goal of Humanity and peculiarities concerning the sustainable development in agriculture.</li> </ul>	
Specific objectives <sup>7</sup>	<ul style="list-style-type: none"> <li>Which are the main objectives of the sustainable development in agriculture.</li> <li>To know the technologies and machines which could conduct to fulfil the objectives imposed by the principles of sustainable development.</li> </ul>	<ul style="list-style-type: none"> <li>•</li> <li>•</li> <li>•</li> <li>...</li> </ul>
Course description <sup>8</sup>	<ol style="list-style-type: none"> <li>Sustainable development, principles and processes.</li> <li>The declaration of Rio de Janeiro (1992) meeting concerning the environment and development of the Mankind.</li> <li>The European Union strategy concerning the environment and development.</li> <li>The Fundamental Elements of the Strategies concerning the implementation of sustainable agriculture in Romania.</li> <li>The natural resources of agriculture in Romania.</li> <li>The Systems of agriculture practiced in Romania.</li> <li>Technologies and machines used for practice sustainable agriculture.</li> <li>The recycle of wastes and residues from agriculture; methods and installations.</li> </ol>	

Assessment			Schedule <sup>9</sup>	Percentage of the final grade (minimum grade) <sup>10</sup>
Continuous assessment	Class tests along the semester		Week 9	20%
	Activity during tutorials/projects/		Individual projects	40%
	Assignments			%
Final assessment	Final assessment form <sup>11</sup>	Exam		40%
	Examination procedures and conditions: 1. ; tasks ; Discussions on the principal problems of sustainable development; principles, technologies, mașini %			

Course organizer	CRĂCIUN VASILE, Ph.D., Professor	
Teaching assistants	DUMITRAȘCU ALINA, Ph.D., Assistant	

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<sup>1</sup> Course name from the curriculum

<sup>2</sup> DF – fundamental, DID – in the field, DS – specialty, DC – complementary (from the curriculum)

<sup>3</sup> DI – imposed, DO – optional, DL – facultative (from the curriculum)

<sup>4</sup> Points 3.8, 3.5, 3.6a,b,c, 3.7 from the Course guide – extended form (L-lecture, T-tutorial, LB-laboratory works, P-project, IS-individual study)

<sup>5</sup> According to 4.1 – Pre-requisites - from the Course guide – extended form

<sup>6</sup> According to 7.1 from the Course guide – extended form

<sup>7</sup> According to 7.2 from the Course guide – extended form

<sup>8</sup> Short description of the course, according to point 8 from the Course guide – extended form

<sup>9</sup> For continuous assessment: weeks 1 – 14, for final assessment – colloquium: week 14, for final assessment-exam: exam period

<sup>10</sup> A minimum grade might be imposed for some assessment stages

<sup>11</sup> Exam or colloquium