

TRƯỜNG ĐẠI HỌC NÔNG LÂM TP. HCM

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**CREDIT BASED CURRICULUM**

(Pursuant to the decision: 3000/QĐ-DHNL-DT, ..... -...-.....of President)

**Credit based Training System: Formal Undergraduate (Full-time)****Faculty : Faculty of Forestry (LN)****Discipline : Wood Technology (52540301)****Major: Wood Technology****Minimum credits: 136 Credits****Minimum GPA: 2.0****Version: CTĐT đại học chính quy năm 2018 (BA2018)**

No	Module	English subjects	Credits	Total Number	Theory	Practice	Internship	Project	Thesis	Year	SM	Prior study	Prerequisite	Concurrent
<b>1. Fundamental knowledge:</b>														
<b>Required subjects</b>														
1	200101	Philosophy of Marxism and Leninism	3	45	45	0	0	0	0	1	1			
2	200102	Political economics of Marxism and Leninism	2	30	30	0	0	0	0	1	1			
3	202112	Advanced Mathematics B1	2	30	30	0	0	0	0	1	1			
4	202501	Physical Education 1	1	45	0	0	45	0	0	1	1			
5	205835	Introductory forest products processing technology	3	60	30	30	0	0	0	1	1			
6	213603	General English 1	4	60	60	0	0	0	0	1	1			
7	200103	Scientific socialism	2	30	30	0	0	0	0	1	2			
8	200107	Ho Chi Minh Ideology	2	30	30	0	0	0	0	1	2			
9	200201	Military training (theory)	3	45	45	0	0	0	0	1	2			
10	200202	Military training (practice)	3	90	0	90	0	0	0	1	2			
11	202113	Advanced Mathematics B2	2	30	30	0	0	0	0	1	2	202112		
12	202502	Physical Education 2	1	45	0	0	45	0	0	1	2			
13	213604	General English 2	3	45	45	0	0	0	0	1	2	213603		
14	200105	History of Vietnamese communist party	2	30	30	0	0	0	0	2	1			
15	202121	Probability and Statistics	3	45	45	0	0	0	0	2	1			
16	202622	General Law	2	30	30	0	0	0	0	2	1			
17	207138	Technical Drawing 1	3	45	45	0	0	0	0	2	1			

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18	214103	General Informatics	3	60	30	30	0	0	0	2	1			
<i>Total</i>			<i>44</i>	<i>795</i>	<i>555</i>	<i>150</i>	<i>90</i>	<i>0</i>	<i>0</i>					
<b>Elective subject - completed 0101 - accumulated at least 2 credits : 5 credits</b>														
1	202620	Communication skills	2	30	30	0	0	0	0	1	2			
2	205820	Technical drawing applications	3	60	30	30	0	0	0	2	1			
3	207109	Fundamentals of Electrical Engineering	2	45	15	30	0	0	0	2	1			
4	205810	Descriptive Geometry	2	45	15	30	0	0	0	2	2			
<i>Total</i>			<i>9</i>	<i>180</i>	<i>90</i>	<i>90</i>	<i>0</i>	<i>0</i>	<i>0</i>					
<b>2. Fundamental specialized knowledge:</b>														
<b>Required subjects</b>														
1	205540	Wood science	4	75	45	30	0	0	0	2	1			
2	205541	Sawing Technology	3	60	30	30	0	0	0	2	2	205540		
3	205543	Lumber drying technology	3	60	30	30	0	0	0	2	2			
4	205544	Wood Adhesive	3	60	30	30	0	0	0	2	2	205540		
5	205609	Principles of cutting	2	30	30	0	0	0	0	2	2			
6	205801	Ergonomics in Interior Design	3	60	30	30	0	0	0	2	2			
7	205815	Autocad application	3	60	30	30	0	0	0	2	2	214103		
8	205562	Wood Preservation Technology	3	60	30	30	0	0	0	3	1	205540		
9	205988	Fundamental specialized Internship	3	135	0	0	135	0	0	3	1			
<i>Total</i>			<i>27</i>	<i>600</i>	<i>255</i>	<i>210</i>	<i>135</i>	<i>0</i>	<i>0</i>					
<b>Elective subject - completed 0201 - accumulated at least 2 credits : 8 credits</b>														
1	205546	Optimization in wood processing	3	60	30	30	0	0	0	2	1			202121
2	207141	Kinematics and Kinetics of Mechanism	2	30	30	0	0	0	0	2	1			
3	205821	Interior Materials	3	60	30	30	0	0	0	2	2			

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4	207148	Strength of Materials	2	30	30	0	0	0	0	2	2			
5	207603	Computer-Aided Design (CAD)/Computer-Aided Manufacturing (CAM) and Computer Numerical Control (CNC)	3	60	30	30	0	0	0	2	2			
6	205831	Autocad 3D – 3D Max	3	60	30	30	0	0	0	3	1			
7	207601	Operation Computer Numerical Control (CNC) Machine	2	60	0	60	0	0	0	3	1	207603		
<i>Total</i>			<i>18</i>	<i>350</i>	<i>180</i>	<i>180</i>	<i>0</i>	<i>0</i>	<i>0</i>					

### 3. Specialized knowledge:

#### Required subjects

1	205778	Enterprise Management	3	45	45	0	0	0	0	3	1			
2	205822	Structural Elements and Furniture Joints	3	60	30	30	0	0	0	3	1	205540		
3	205823	Wood products Design	4	75	45	30	0	0	0	3	1	205815		
4	205545	Wood-based board Technology	4	75	45	30	0	0	0	3	2	205544		
5	205548	Finishing Technology	3	45	45	0	0	0	0	3	2	205544		
6	205563	Furniture Processing Technology	4	75	45	30	0	0	0	3	2	205541 205543		
7	205612	Woodworking machinery	3	60	30	30	0	0	0	3	2	205540 205609		
8	205561	Specialized English	3	45	45	0	0	0	0	4	1			
9	205616	Labor safe and industrial environment protection	2	30	30	0	0	0	0	4	1			
10	205709	Product quality management	2	30	30	0	0	0	0	4	1			
11	205989	Specialized Internship	3	135	0	0	135	0	0	4	1			
<i>Total</i>			<i>34</i>	<i>675</i>	<i>390</i>	<i>150</i>	<i>135</i>	<i>0</i>	<i>0</i>					

#### Elective subject - completed 0301 - accumulated at least 2 credits : 8 credits

1	205513	Forest product chemistry	2	30	30	0	0	0	0	2	2			
2	205809	Basic decoration	2	45	15	30	0	0	0	2	2			

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3	205407	Non - timber Forest Products	2	30	30	0	0	0	0	3	1			
4	205557	Layout design for wood processing factory	2	45	15	30	0	0	0	3	1			
5	205808	Perspective Drawing	2	45	15	30	0	0	0	3	1	214103		
6	205774	Pulp Manufacture	4	75	45	30	0	0	0	3	2			
7	205814	Exterior design	2	45	15	30	0	0	0	3	2			
8	205824	Quantity surveying for interior projects	2	45	15	30	0	0	0	3	2			
9	205566	Startup in Forestry	2	30	30	0	0	0	0	4	1			
10	205906	Bachelor's Thesis	10	150	0	0	0	150	0	4	2			
11	205909	Bachelor's Essay	5	75	0	0	0	75	0	4	2			
<i>Total</i>			<i>35</i>	<i>615</i>	<i>210</i>	<i>180</i>	<i>0</i>	<i>225</i>	<i>0</i>					

*Total credits of required subjects: 105 credits*

*Total credits of elective subjects: 31 credits*

(\*) Conditional Study Program, Certificates will be issued upon completion

**Graduation Methods:**

- 1.Thesis (10 credits)
- 2.Essay (5 credits) + completion of 5 credits of elective subjects
- 3.The subjects can replace thesis (completion of 10 credits of elective subjects)

President

Head of Academic Affairs Department

Dean of Food Science and Technology