

# **LIST OF COURSE NAMES**

## **Bachelor of Engineering in Wood Technology (BWT)**

### **A. GENERAL COURSES**

1. Philosophy of Marxism and Leninism
2. Political economics of Marxism and Leninism
3. Advanced Mathematics B1
4. Physical education 1
5. Introductory Forest products processing technology
6. General English 1
7. Scientific socialism
8. Ho Chi Minh Ideology
9. Advanced Mathematics B2
10. Physical education 2
11. General English 2
12. History of Vietnamese communist party
13. Probability and Statistics
14. General Law
15. Technical drawing 1
16. General Informatics
17. Communication Skills
18. Technical drawing applications
19. Fundamentals of Electrical Engineering
20. Descriptive Geometry

### **B. FUNDAMENTAL SPECIALIZED COURSES**

21. Wood science
22. Sawing Technology
23. Lumber drying technology
24. Wood Adhesive
25. Principle of cutting wood
26. Ergonomics in Interior Design
27. Autocad application
28. Wood Preservation Technology
29. Fundamental specialized Internship
30. Optimization in wood processing
31. Kinematics and Kinetics of Mechanism
32. Interior Materials
33. Strength of Materials
34. Computer-Aided Design (CAD)/Computer-Aided Manufacturing (CAM) and Computer Numerical Control (CNC)
35. Autocad 3D – 3D Max
36. Operation Computer Numerical Control (CNC) Machine

### **C. SPECIALIZED COURSES**

37. Enterprise Management
38. Structural Elements and Furniture Joints
39. Wood products Design

40. Wood-based board Technology
41. Finishing Technology
42. Furniture Processing Technology
43. Woodworking machinery
44. Specialized English
45. Labor safe and industrial environment protection
46. Product quality management
47. Specialized Internship
48. Forest product chemistry
49. Basic decoration
50. Non-Timber Forest Products
51. Layout design for wood processing factory
52. Perspective Drawing
53. Pulp Manufacture
54. Exterior design
55. Quantity surveying for interior projects
56. Startup in Forestry
57. Bachelor's Thesis
58. Bachelor's Essay