



CREDIT BASED CURRICULUM

(Pursuant to the decision: 3000/QD-DHNL-DT, November -24-2014 of President)

Credit based Training System: Formal Undergraduate (Full - time)

Faculty : Faculty of Environment and Natural Resources

Discipline : Environmental Management

Major : Environmental Management

Minimum credits : 135 Credits

Minimum GPA: 2.0

| No | Module | English subjects | Credits | Total Number | Theory | Practice | Internship | Project | Thesis | Year | SM | Prior study | Prerequisite | Concurrent |
|-----------------------------------|--------|---|-------------|--------------|--------------|--------------|------------|------------|------------|------|----|-------------|--------------|------------|
| I. Fundamental knowledge : | | | | | | | | | | | | | | |
| <i>I.1 Required subjects</i> | | | | | | | | | | | | | | |
| 1 | 200106 | Phylosophy of Marxism and Leninism | 5.0 | 75.0 | 75.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 1 | | | |
| 2 | 202112 | Advanced Mathematics B1 | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 1 | | | |
| 3 | 202501 | Physical Education 1 | 1.0 | 45.0 | 0.0 | 45.0 | 0 | 0.0 | 0.0 | 1 | 1 | | | |
| 4 | 202622 | General Law | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 1 | | | |
| 5 | 213603 | English 1 | 4.0 | 60.0 | 60.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 1 | | | |
| 6 | 200104 | History of the Communist's Party of Vietnam | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 7 | 200201 | Military training (theory) | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 8 | 200202 | Military training (practice) | 3.0 | 90.0 | 0.0 | 90.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 9 | 202113 | Advanced Mathematics B2 | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | 202112 | | |
| 10 | 202301 | General Chemistry | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 11 | 202304 | General Chemistry Laboratory | 1.0 | 30.0 | 0.0 | 30.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 12 | 202502 | Physical Education 2 | 1.0 | 45.0 | 0.0 | 45.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 13 | 213604 | English 2 | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | 213603 | | |
| 14 | 200107 | Ho Chi Minh Ideology | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 15 | 202121 | Probability and Statistics | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 1 | 202113 | | |
| 16 | 202401 | General Biology | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 17 | 202402 | General Biology Laboratory | 1.0 | 30.0 | 0.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 18 | 214103 | General Informatics | 3.0 | 60.0 | 30.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| Total | | | 44.0 | 810.0 | 540.0 | 270.0 | 0 | 0.0 | 0.0 | | | | | |



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|--|--------|--|-------------|--------------|--------------|-------------|------------|------------|------------|------|----|-------------|--------------|------------|
| <i>I.2 Elective subject - completed 0101/accumulated at least 2 credits : 4 credits</i> | | | | | | | | | | | | | | |
| 1 | 202620 | Communication skills | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 2 | 208211 | Basic Econometrics | 3.0 | 60.0 | 30.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| 3 | 212104 | Environmental ecology | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| 4 | 202605 | Basic Economic | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 1 | | | |
| 5 | 212545 | Quantitative analysis | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 1 | | | |
| 6 | 202413 | Animal Biology | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 2 | | | |
| 7 | 202414 | Plant Biology | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 2 | | | |
| Total | | | 15.0 | 240.0 | 210.0 | 30.0 | 0 | 0.0 | 0.0 | | | | | |
| II. Fundamental specialized knowledge : | | | | | | | | | | | | | | |
| <i>II.1 Required subjects</i> | | | | | | | | | | | | | | |
| 1 | 212110 | Environmental Science | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 2 | 212207 | Physical Chemistry | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 3 | 212103 | Environmental Microbiology | 2.0 | 45.0 | 15.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| 4 | 212201 | Environmental Chemistry | 2.0 | 45.0 | 15.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| 5 | 212327 | Environmental Modeling | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| 6 | 212331 | Technical Drawing | 3.0 | 60.0 | 30.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 2 | | | |
| Total | | | 13.0 | 240.0 | 150.0 | 90.0 | 0 | 0.0 | 0.0 | | | | | |
| <i>II.2 Elective subject - completed 0201/accumulated at least 2 credits : 7 credits</i> | | | | | | | | | | | | | | |
| 1 | 212302 | Descriptive geometry | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 1 | 2 | | | |
| 2 | 212913 | Job Finding skills | 1.0 | 30.0 | 0.0 | 30.0 | 0 | 0.0 | 0.0 | 2 | 1 | | | |
| 3 | 208305 | Public Finance | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 1 | | | |
| 4 | 212305 | Hydraulics for Environmental Engineering | 2.0 | 30.0 | 30.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 1 | | | |
| 5 | 212326 | Construction engineering | 3.0 | 45.0 | 45.0 | 0.0 | 0 | 0.0 | 0.0 | 3 | 2 | | | |

