

**Department of Forestry and Environmental Science
University of Sri Jayewardenepura**

B.Sc. Environmental Management and Forestry Course Time Table

1st Year: Semester II
15 weeks

| TIME | MON | TUE | WED | THURS | FRI |
|--------------------------------|-----|--|-----|--|---|
| AM 8.00-08.50 | | | | EMF 102 1.0 Followed by EMF 108 1.0 | <i>Practical</i> <i>EMF</i> <i>116 1.0</i> |
| 8.55-9.45 | | | | | |
| 10.15-11.05 | | | | | |
| 11.10-12.00 | | | | | |
| <i>LUNCH</i> | | | | | |
| PM 1.00-2.00 | | EMF 114 1.0 Followed by EMF 117 1.0 | | | <i>Practical</i> <i>EMF</i> <i>116 1.0</i> |
| 2.00-3.00 | | | | | |
| 3.00-4.00 | | | | | |

EMF 102 1.0 c Environmental Chemistry
 EMF 108 1.0 c Forest Biology
 EMF 114 1.0 c General Geology and Soil Science
 EMF 117 1.0 c Principles of Wildlife Ecology
 EMF 116 1.0 a Practical Module in Environmental Chemistry
 and Forest Biology

Dr. CDK Pathirana
 Prof. Hiran Amarasekara
 Dr. Daham Jayewardene
 Dr. Priyan Perera

a = Compulsory course unit
 c = Core course unit

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University of Sri Jayewardenepura**

B.Sc. Environmental Management and Forestry Course Time Table

2nd Year: Semester II
15 weeks

| TIME | MON | TUE | WED | THURS | FRI |
|--------------------------------|-----|--|--------------------|-------|--|
| AM 8.00-08.50 | | | EMF 216 2.0 | | |
| 8.55-09.45 | | <i>Practical</i> EMF 219 1.0 | | | |
| 10.15-11.05 | | | | | |
| 11.10-12.00 | | | | | EMF 222 1.0 Followed by EMF 218 1.0 |
| LUNCH | | | | | |
| PM 1.00-2.00 | | <i>Practical</i> EMF 219 1.0 | | | EMF 222 1.0 Followed by EMF 218 1.0 |
| 2.00-3.00 | | | | | |
| 3.00-4.00 | | | | | |

EMF 216 2.0 c Wood Science and Forest Based Industries

Prof. Hiran Amarasekara

EMF 218 1.0 c Tree Diversity and Systematics

EMF 222 1.0 c Principles in Hydrology and Climatology

Dr. Thilak Chandrathilake

EMF 219 1.0 a Practical Module in Wood Science and
Plant Systematics

a = Compulsory course unit

c = Core course unit

**Department of Forestry and Environmental Science
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B.Sc. Environmental Management and Forestry Course Time Table

3rd Year: Semester II
15 weeks

| TIME | MON | TUE | WED | THURS | FRI |
|-------------------------------|--------------------|--|--|---|--------------------|
| AM 8.00-8.50 | | | | | |
| 8.55-9.45 | | | | | EMF 313 1.0 |
| 10.15-11.05 | | | | | |
| 11.10-12.00 | | | | | |
| LUNCH | | | | | |
| PM 1.00-2.00 | EMF 331 1.0 | EMF 311 1.0 Followed by EMF 322 1.0 | EMF 330 1.0 Followed by EMF 332 1.0 | EMF 307 1.0 Followed by EMF 3181.0 | EMF 313 1.0 |
| 2.00-3.00 | | | | | |
| 3.00-4.00 | | | | | |
| 4.00-5.00 | | | | | |

EMF 307 1.0 c Forest Management
 EMF 311 1.0 c Agroforestry and Social Forestry
 EMF 313 1.0 a Field/ Factory Assignment
 EMF 318 1.0 o Forest Pathology and Entomology
 EMF 322 1.0 o Land Use Planning and Management
 EMF 330 1.0 o Ecotourism Planning and Management
 EMF 331 1.0 s Project Planning and Analysis
 (previously EMF 364 1.0)
 EMF 332 1.0 o Integrated Resource Management

Prof. Upul Subasinghe
 Prof. Hemanthi Ranasinghe
 All Lecturers
 Dr. Dimuthu/ Dr. Wathsala
 Prof. K.G.P.K. Weerakoon/VL
 Dr. Priyan Perera
 Prof. UADP Gunawardena
 Prof. UADP Gunawardena
 Prof. Hemanthi Ranasinghe

a = Compulsory course unit
 c = Core course unit
 o = optional course unit

**Department of Forestry and Environmental Science
University of Sri Jayewardenepura**

B.Sc. Environmental Management and Forestry Course Time Table

3rd Year (Special): Semester II
15 weeks

| TIME | MON | TUE | WED | THURS | FRI |
|-------------------------------|--|--|--|--|--------------------|
| AM 8.00-8.50 | | | EMF 362 1.0 Followed by EMF 369 1.0 | EMF 361 1.0 Followed by EMF 358 1.0 | |
| 8.55-9.45 | | <i>Seminars</i> <i>EMF 365 1.0</i> | | | EMF 313 1.0 |
| 10.15-11.05 | | | | | |
| 11.10-12.00 | | | | | |
| LUNCH | | | | | |
| PM 1.00-2.00 | EMF 331 1.0 Followed by EMF 359 1.0 | EMF 311 1.0 Followed by EMF 322 1.0 | EMF 330 1.0 Followed by EMF 370 1.0 | EMF 307 1.0 Followed by EMF 318 1.0 | EMF 313 1.0 |
| 2.00-3.00 | | | | | |
| 3.00-4.00 | | | | | |
| 5.00-7.00 | | EMF 357 1.0 | | | |

EMF 307 1.0 c Forest Management
 EMF 311 1.0 c Agroforestry and Social Forestry
 EMF 313 1.0 a Field/ Factory Assignment
 EMF 318 1.0 o Forest Pathology and Entomology
 EMF 322 1.0 c Land Use Planning and Management
 EMF 330 1.0 c Ecotourism Planning and Management
 EMF 331 1.0 s Project Planning and Analysis
 EMF 353 1.0 c Environmental Microbiology
 EMF 357 1.0 c Research Methodology
 EMF 358 1.0 c Advanced Silviculture
 EMF 359 1.0 c Advanced Resources Economics
 EMF 361 1.0 c Indigenous Knowledge in
 Natural Resource Management
 EMF 362 1.0 o Green Business Development
 EMF 365 1.0 a Seminars on Special Topics II
 EMF 367 1.0 o Chemistry and Industrial Utilization of
 Plant Product (Based on CHE 302 1.0)
 EMF 369 1.0 c Cleaner Production and Green Technology
 EMF 370 1.0 c Integrated Resource Management

Prof. Upul Subasinghe
 Prof. Hemanthi Ranasinghe
 All Lecturers
 Dr. Dimuthu / Dr. Watsala
 Prof. K.G.P.K. Weerakoon/VL
 Dr. Priyan Perera
 Prof. UADP Gunawardena
 Prof. MM Pathmalal
 Prof. Upul Subasinghe
 Prof. Hemanthi Ranasinghe
 Prof. UADP Gunawardena

 Dr. Danister Perera
 Dr. Darshana Rajapaksha
 All Lecturers

 Dr. Pahan Godakumbura
 Dr. Varuni Jayasooriya
 Prof. UADP Gunawardena
 Prof. Hemanthi Ranasinghe

**Department of Forestry and Environmental Science
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B.Sc. Environmental Management and Forestry Course Time Table

**4th Year (Special) Semester II
15 weeks**

| TIME | MON | TUE | WED | THURS | FRI |
|-------------------------------|--|--|--------------------|--|--|
| AM 8.00-8.50 | <i>EMF 457 8.0 Research Project</i> | <i>Seminars EMF 476 2.0</i> | | EMF 471 1.0 Followed by EMF 458 1.0 | <i>EMF 457 8.0 Research Project</i> |
| 8.55-9.45 | | | | | |
| 10.15-11.05 | | | | EMF 474 1.0 | |
| 11.10-12.00 | | | | | |
| | LUNCH | | | | |
| PM 1.00-2.00 | <i>EMF 457 8.0 Research Project</i> | EMF 454 2.0 | EMF 475 1.0 | EMF 472 1.0 Followed by EMF 470 1.0 | <i>EMF 457 8.0 Research Project</i> |
| 2.00-3.00 | | | | | |
| 3.00-4.00 | | | EMF 459 2.0 | | |
| 4.00-5.00 | | | | | |

EMF 451 1.0 c An Ecosystem Approach to Forest Management
 EMF 454 2.0 c Assignment on Forest Management Plan Preparation
 EMF 457 8.0 a Research Project
 EMF 458 1.0 c Wood Based Composites
 EMF 459 1.0 c Forestry for Rural Development
 EMF 469 1.0 c Operational Research in Environmental Management
 EMF 471 1.0 o Energy and Environment
 EMF 472 1.0 c Land Reclamation and Soil Remediation
 EMF 473 1.0 c Multi Criteria Decision Making Models for Environment
 EMF 475 1.0 o Economic Instruments in Environmental Management
 EMF 476 2.0 a Seminars on Special Topics II
 EMF 479 1.0 o Special Topics in Forestry and Environmental Science

Prof. Hemanthi Ranasinghe
 Prof. Upul Subasinghe
 All lecturers
 Prof. Hiran Amarasekara
 Prof. Hemanthi Ranasinghe
 Dr. Varuni Jayasooriya
 Prof. Nilanthi Bandara
 Dr. Daham Jayawardena
 Prof. UADP Gunawardena
 Prof. UADP Gunawardena
 All Lecturers