CURRICULUM

OF

MASTER IN PORT AND SHIPPING MANAGEMENT

DEPARTMENT OF PORT AND SHIPPING MANAGEMENT

FACULTY OF SHIPPING ADMINISTRATION

BANGABANDHU SHEIKH MUJIBUR RAHMAN MARITIME UNIVERSITY,
BANGLADESH
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1. Introduction to the University

1.1 Introduction: The victory over maritime boundary delimitation with neighbouring countries opened a new window in the maritime arena of Bangladesh. Vast sea area along with scarcity in land based resources has made it imperative to boost up our economy through effective exploration of sea resources. Keeping this in perspectives honourable Prime Minister Sheikh Hasina outlined the concept of blue economy and underscored the importance of effective manpower in the maritime sector.

In order to create effective human resources, the first ever specialized university Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh (BSMRMU) was established in 2013 after the name of the Father of the nation Sheikh Mujibur Rahman. Our motto is “We strive for Maritime Excellence”. The University aims at bringing all maritime professional to a common platform to share knowledge and carryout research for the advancement of maritime sector and developing effective human resources in this sector.

1.2 Mission: Bangabandhu Sheikh Mujibur Rahman Maritime University, Bangladesh is committed to provide quality education based on state of the art technological support responsive to the emerging challenges at home and abroad. The university is dedicated to nurture and develop world class professionals, who would serve the mankind with strong sense of ethical values and competence and ready to face the competitive world of maritime business, service and employment.

1.3 Vision: Our vision is to promote and create a learning environment for higher maritime education with excellence, through state- of- the- art facilities and gadgets, competent faculty and staff, expanded frontier of research based knowledge and international standards supportive of the new horizons in diverse fields by 2021.

1.4 Goals: Achieve sustainable development and progress of the university through mutual cooperation with other related universities/ institutions. Continue to upgrade educational services and facilities responsive to the demands and requirements of the nation. Bring all types of marine professionals on a common platform to share knowledge and perform research and development works for the advancement of country’s maritime sector.
Enhance research consciousness in the maritime sector in discovering new dimensions with the upcoming challenges.
Accelerate the participation of alumni students and professionals with educational programs and development of projects designed to expand and improve academic standards.
Teach students on marine science and technology and guide them towards research to enhance contribution to the maritime profession.
Conduct various educational programmes and research works for sustainable development of the maritime service and industrial sector of the country.
Educate students on different subjects of maritime management, law and security and strategy and conduct research on allied fields.
Create conducive environment for students to prepare themselves to serve the nation as future planners/ policy makers/ leaders in maritime sectors in coordination with national and international organizations including International Maritime Organization (IMO).

1.5 Faculties and Institutes: The university aspires to have seven teaching faculties and four research institutes. The name of faculties and institutes is following:

1. Faculty of Maritime Governance and Policy (FMGP)
2. Faculty of Shipping Administration (FSA)
3. Faculty of Earth and Ocean Science (FEOS)
4. Faculty of Engineering and Technology (FET)
5. Faculty of General Studies (FGS)
6. Faculty of Computer Science & Informatics (FCSI)
7. Faculty of Maritime Business Studies (FMBS)

Research institutes are: Institute of Professional Language, Institute of Bay of Bengal & Bangladesh Studies, Institute of Renewable Energy & Marine Resource and Institute of Disaster management.
2. **Introduction to the Faculty of Shipping Administration:**

Faculty of Shipping Administration is one of the oldest faculties of the university. The faculty has special learning environment, innovative course curriculum, methods of teaching, and quality programs. The faculty has mainly three departments namely Port and Shipping Management, Nautical Science and Transportation and Logistics Management.

3. **Introduction to the Department of Port and Shipping Management:**

The Department of Port and Shipping Management started its journey from the very inception of this University under the Faculty of Shipping Administration. The Department is committed to provide an excellent teaching and learning environment. Global standard curriculums are followed to impart quality education by the qualified and competent teachers. Graduates of this department will get a unique opportunity to develop their career in the different areas of job market like domestic and foreign port, terminals and ICDS, University Teaching, shipping companies, commercial organizations, freight forwarding companies etc.

4. **Introduction to the Program:**

4.1 **General:** Master in Port and Shipping Management (MPSM) is an 18 months industry attractive post-graduate program under the Department of Port and Shipping Management. The program is designed with 15 theoretical courses and a dissertation/Thesis. Besides, the student has to perform a field trip/study tour and student concluding seminar in every semester. Total credit for the program is 60.

4.2 **Division of Semester:** The duration of each semester is 26 weeks. Distribution is as follows:

- **a. Classes:** 15 weeks
- **b. Mid Term Examinations:** 02 weeks
- **c. Preparatory Leave:** 02 weeks
- **d. Term Final Examination:** 03 weeks
- **e. Recess:** 04 weeks
4.3 Admission Criteria: Every applicant must fulfil the admission requirements as prescribed by BSMRMU. The minimum requirements for admission into the program are:

a. A Bachelor degree or its equivalent in any field including Maritime, Science, Business, Engineering and Agriculture.

b. Applicant with general education must have at least second division or CGPA 2.25 in all public examination.

c. Applicants with GCE must have passed at least five subjects in O level (including mathematics) and at least two subjects in A level. However, applicant having more than two ‘D’ grades in O level and/or more than one ‘D’ grades in A level shall not be eligible for admission.

d. Applicants having at least two years job experience shall be given preference.

e. Foreign applicants shall apply through their respective embassy.

4.4 Admission Test: All eligible applicants shall be required to appear the admission test as per BSMRMU Admission Policy/regulations for Masters in Port and Shipping Management. Admission test shall normally be comprised of written test and viva voce. Only written test qualified applicant shall be called for viva voce.

4.5 Final Selection and Registration: The final selection for admission shall be based on Admission Test result. Selected candidates shall be registered with the programme in accordance with the procedures as laid down by BSMRMU.

4.6 Degree Requirement: Degree requirements are as follows:

a. Passing of all courses with minimum Cumulative Grade Point Average (CGPA) of 2.50 (C+) in 4.00 point grading scale at the end of the program.
b. Completion of Dissertation with a minimum grade of 2.50 (C+).

4.7 **Credit Earned:** The Courses in which a student has obtained ‘D’ or a higher Grade will be counted as credits earned by him/her. Any course in which a student has obtained ‘F’ grade will not be counted towards his/her earned credits.

4.8 **Grading System:** Letter grades and corresponding grade points will be awarded in accordance with the provisions (unified UGC grading system) shown below:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade points</th>
<th>Numerical Markings</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.0</td>
<td>80% and above</td>
</tr>
<tr>
<td>A</td>
<td>3.75</td>
<td>75% to below 80%</td>
</tr>
<tr>
<td>A-</td>
<td>3.50</td>
<td>70% to below 75%</td>
</tr>
<tr>
<td>B+</td>
<td>3.25</td>
<td>65% to below 70%</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>60% to below 65%</td>
</tr>
<tr>
<td>B-</td>
<td>2.75</td>
<td>55% to below 60%</td>
</tr>
<tr>
<td>C+</td>
<td>2.50</td>
<td>50% to below 55%</td>
</tr>
<tr>
<td>C</td>
<td>2.25</td>
<td>45% to below 50%</td>
</tr>
<tr>
<td>D</td>
<td>2.00</td>
<td>40% to below 45%</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>below 40%</td>
</tr>
<tr>
<td>I</td>
<td>Incomplete</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawn</td>
<td>-</td>
</tr>
<tr>
<td>X</td>
<td>Projects/Thesis continuation</td>
<td>-</td>
</tr>
<tr>
<td>E</td>
<td>Expelled</td>
<td>Due to exam offence</td>
</tr>
</tbody>
</table>

4.9 **Eligibility for Appearing Term Final Examination:** An examinee shall be eligible for appearing at the term final examination upon fulfilment of the following conditions:

a. The examinee submitted an application for appearing at the term final exam in the prescribed form (hard copy/Online) to the Controller of Examinations through his/her department/institutes.
b. The examinee has paid the prescribed examination fees and all outstanding dues (including dues of hall/mess for resident students) of the university.

c. The examinee has attended minimum 75% of classes held in an individual course.

d. The examinee, who has attended from 60% to below 75% of classes, may be eligible to sit for the examination subject to the payment of non-collegiate fees fixed by BSMRMU.

4.10 Course Waiver: A student with relevant degrees from reputed universities may get maximum 16 credits waiver provided they fulfil the following conditions:

   a. Obtained at least a ‘B’ grade or 1st class in a similar course in the earlier program
   b. Minimum least 70% of the course contents are similar

All applications for course waiver will be reviewed by equivalence committee on a case-by-case basis and finally shall be approved by the Academic Council of BSMRMU.

4.11 Retaking a Course: It is expected that students will obtain degree by clearing the entire offered courses of specified credit hours as per the syllabus within academic period of three years. In case of failure to do so by any student the following guiding policies shall be adopted:

   a. A student obtaining F grade in a course may be allowed to repeat the course with the prior approval of Head of the Department on the recommendation of the course coordinator. Such approval shall be reported to the BPGSR and academic council.

   b. A student shall not be allowed to continue the programme if he/she obtains a total of three or more F grades in any term/semester.
c. If at the end of the second or any subsequent semester, the cumulative GPA falls below 2.0 he/she shall not be allowed to continue in the programme.

d. Two courses may be repeated for improvement with the prior approval of the Head of the Department on the recommendation of the course coordinator. Such approval shall be reported to the BPGSR and academic council.

5. **Vision of the Program:**
Developing world-class postgraduate to penetrate the maritime industry.

6. **Mission of the Program:**
Supporting and structuring industry attractive curriculum and state of the art teaching.

7. **Program Outcome:**
   - An ability to apply the knowledge of business and science in the field of port and shipping management
   - An ability to formulate maritime problems and develop practical solutions
   - An ability to work effectively in teams and provide leadership
   - An ability to effectively communicate orally, graphically and in writing
   - An understanding of managerial, professional and ethical responsibility

8. **Learning Outcomes of the Programme:**
After the successful completion of the master program, the students will be able to
   - Plan, organize and control the port, terminal, depot etc.
   - Manage shipping and shipping ancillary business
   - Execute strategic maritime decision
   - Design transportation routes and logistics
9. **Generic Skills:**
The generic skills for the program is primary maritime knowledge, information technology, introduction to business, mathematics, routes and history of trade and communicative English.

10. **Curriculum Structure**
Master in Port and Shipping Management Program consists of the following categories of courses:

<table>
<thead>
<tr>
<th>Category</th>
<th>No. of Courses</th>
<th>Credit</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fundamental Courses</td>
<td>5</td>
<td>15</td>
<td>25 %</td>
</tr>
<tr>
<td>Core Courses</td>
<td>8</td>
<td>24</td>
<td>40 %</td>
</tr>
<tr>
<td>Elective Courses</td>
<td>2</td>
<td>6</td>
<td>10 %</td>
</tr>
<tr>
<td>Dissertation/ Thesis</td>
<td>1</td>
<td>10</td>
<td>16.67 %</td>
</tr>
<tr>
<td>Skill Development Courses</td>
<td>2</td>
<td>5</td>
<td>8.33 %</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
<td><strong>60</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

11. **Course Schedule:**
The course schedule of the program is as follows:

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Ser.</th>
<th>Sub. Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.</td>
<td>MPSM 511</td>
<td>Introduction to Port and Shipping</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>2.</td>
<td>MPSM 512</td>
<td>Management and Organizational Behaviour</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>3.</td>
<td>MPSM 513</td>
<td>Accounting &amp; Financial Management</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>4.</td>
<td>MPSM 514</td>
<td>Maritime Economics</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>5.</td>
<td>MPSM 515</td>
<td>Maritime English and Business Communication</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td>6.</td>
<td>DEV 501</td>
<td>Study Tour/ Field Trip-1</td>
<td>1</td>
<td>3-4 days</td>
</tr>
<tr>
<td></td>
<td>7.</td>
<td>DEV 502</td>
<td>Student Concluding Seminar-1</td>
<td>1</td>
<td>2-3 Days</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><strong>Sub Total</strong></td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>
### Semester 2

<table>
<thead>
<tr>
<th>No.</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>MPSM 521</td>
<td>Maritime Human Resource Management</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>2.</td>
<td>MPSM 522</td>
<td>Supply Chain Management and Marketing</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>3.</td>
<td>MPSM 523</td>
<td>Fleet and Cargo Operation Management</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>4.</td>
<td>MPSM 524</td>
<td>International Law and Maritime Conventions</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>5.</td>
<td>MPSM 525</td>
<td>Maritime Safety &amp; Security</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>6.</td>
<td>MPSM 526</td>
<td>Research Methodology</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>7.</td>
<td>DEV 503</td>
<td>Study Tour/ Field Trip-2</td>
<td>1</td>
<td>3-4 days</td>
</tr>
<tr>
<td>8.</td>
<td>DEV 504</td>
<td>Student Concluding Seminar-2</td>
<td>1</td>
<td>2-3 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sub Total</td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

### Semester 3

<table>
<thead>
<tr>
<th>No.</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Semester Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>MPSM 531</td>
<td>Ship Broking and Chartering</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>2.</td>
<td>MPSM 532</td>
<td>Strategic Maritime Management</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>3.</td>
<td>DEV 505</td>
<td>Study Tour/ Field Trip-3</td>
<td></td>
<td>3-4 days</td>
</tr>
<tr>
<td>4.</td>
<td>DEV 506</td>
<td>Student Concluding Seminar-3</td>
<td>1</td>
<td>2-3 days</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Any Two of the Following</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>MPSM 533</td>
<td>Port Operation and Planning</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>6.</td>
<td>MPSM 534</td>
<td>Multimodal Transportation and Logistics</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>7.</td>
<td>MPSM 535</td>
<td>Environmental Issues in Port and Shipping</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td>8.</td>
<td>MPSM 536</td>
<td>Marine Insurance and Claim</td>
<td>3</td>
<td>42</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sub Total</td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>1.</td>
<td>MPSM 500</td>
<td>Dissertation/ Thesis</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>60</strong></td>
<td></td>
</tr>
</tbody>
</table>

12. **Teaching Strategy:**

The teaching strategy of the program is mainly lecture based. Other teaching strategies includes; case analysis, group discussion, workshop, seminar, and fieldwork learning etc.

13. **Assessment Strategy:**

13.1 **Theoretical Courses:** The performance of the theoretical courses shall be evaluated through continuous assessment and semester final examination. Forty percent (40%) of marks
of a course shall be allotted for continuous assessment and remaining sixty percent (60%) shall be allotted to the Semester Final Examination. The continuous assessment shall include class attendance and participation, quizzes/class test, term paper/assignments/case study and midterm examinations. Distribution of marks is as follows:

a. Class Attendance: 05%
b. Observation/ Class Participation: 05%
c. Term Paper/Assignment/Case Study: 05%
d. Quizzes/Class Test: 05%
e. Mid Term Examination: 20%
f. Term/semester Final Examination: 60%

13.2 Dissertation/ Thesis: The marks distribution for dissertation is as follows:

<table>
<thead>
<tr>
<th>Content</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis Report</td>
<td>60%</td>
</tr>
<tr>
<td>Presentation</td>
<td>30%</td>
</tr>
<tr>
<td>Oral Exam</td>
<td>10%</td>
</tr>
</tbody>
</table>

13.3 Skill Development Courses: Developing Course is comprised of two items. One is field trip/ study tour and the other one is student concluding seminar. The performance of the field trip/ study tour of each student will be evaluated as follows:

<table>
<thead>
<tr>
<th>Content</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>20%</td>
</tr>
<tr>
<td>Participation</td>
<td>20%</td>
</tr>
<tr>
<td>Visit Report</td>
<td>30%</td>
</tr>
<tr>
<td>Presentation</td>
<td>30%</td>
</tr>
</tbody>
</table>

The performance of the Student Concluding Seminar of each student will be evaluated as follows:

<table>
<thead>
<tr>
<th>Content</th>
<th>Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>10%</td>
</tr>
</tbody>
</table>
11. **Course Profile:**

The course profile is describing as follows:

**DISSERTATION/ THESIS**

<table>
<thead>
<tr>
<th>Submission of Paper</th>
<th>30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentation</td>
<td>40%</td>
</tr>
<tr>
<td>Handling Questionnaire</td>
<td>20%</td>
</tr>
</tbody>
</table>

Course Code : MPSM 500
Credit : 10

**Aim:**
To demonstrate skill in research, writing and analysis.

**Learning Outcome:**
The students will gain hands-on research experience through completing a research project, starting with hypothesis development, literature searching, experimental design, data collection, analysis, and interpretation. Students will also gain experience in written and oral communication by submitting several written components including research proposal, progress report, and final thesis as well as presenting the results of their research in an oral presentation.

**Method of Conduct:** The student will submit the three dissertation/ thesis topics and name of supervisors at the beginning of the second semester. The BPGSR will analyse the topic and supervisor and recommend the list to Academic Council for Approval. The overall guideline of the dissertation/ thesis will be circulated to the students throughout the semester by Dean Office.
INTRODUCTION TO PORT AND SHIPPING

Course Code : MPSM 511
Credits : 3.0
Contact Hours : 42

Aim:
• To orient the students with the basics of port, shipping and ancillary businesses of port and shipping.
• To have an understanding about how port, terminals, shipping companies and other adjuvant organizations perform its functions.

Learning Outcomes:
By the end of this course, the students will be able to:
• Describe the functions of port, shipping and maritime organizations.
• Analyse ancillary activities of shipping and ports
• Identify the shipping company structure and its market.
• Describe the flagging policy and decisions

Syllabus Contents:


5. Flagging policy and decisions; flag state and ship registration practices, Shipping management practices and the uses of BIMCO SHIPMAN and CREWMAN. Design and development of safety management systems in maritime organizations using ISM Code.


**Recommended Text(s):**
1. H. Ligteringen, H. Velsink, Ports and Terminals (Book)

**MANAGEMENT AND ORGANIZATIONAL BEHAVIOUR**

Course Code : MPSM 512
Credits : 3.0
Contact Hours : 42

**Aim:**
The aim of the course is:
• To develop knowledge and understanding of the principles, purposes, processes and practices of management and the ability to relate and apply this knowledge within roles and organizations.
• To have an understanding about how people interact in an organization and also to help an individual to have a better understanding about one’s own self.
• Understand human behavior in organizations, including diversity, attitudes, job satisfaction, emotions, moods, personality, values, perception, decision making, and motivational theories.
• Understand the organizational system, including organizational structures, culture, human resources, and change.

**Learning Outcomes:**

By the end of this course students should be able to:
• The student will explain the various theories and processes of management including its functions, identify roles of leadership in business and recognize elements of the communication process and the guidelines for organizational design.
• The student will interpret interpersonal roles related to work groups and demonstrate knowledge of the basic language of management.

**Syllabus Contents:**


3. Leading: Foundations of leadership: Concept, Types & Contemporary Issues; Motivating and
Rewarding Employees- Motivation Theories- Contemporary Issues; Leadership and Trust-Behavioral and Contemporary Theories- Emerging Approaches – Issues; Building trust as the essence of leadership. Communication and Interpersonal Skills-understanding communication, Communication and Information Technology, Developing Interpersonal skills.

4. Managerial Ethics, Social Responsibility and Managerial Control: Determinants of managerial ethics- Ethical guidelines for managers; Social responsibility of business towards different groups- Social Audit- Business ethics and Corporate Governance. Foundations of Control- Importance of control- Types-Implications for managers- Dysfunctional side of control- Contemporary issues.


Recommended text(s):

4. Tripathy PC & Reddy PN (2008); Principles of Management; Tata McGraw Hills
ACCOUNTING AND FINANCIAL MANAGEMENT

Course Code : MPSM 513
Credits : 3.0
Contact Hours : 42

Aim:
The aim of this course is to orient students the basics of accounting and financial management so that they can apply this knowledge in their respective field.

Learning Outcomes:
After the completion of this course, the students will be able to:
• Identify transactions and record to ledger and also be able to prepare final accounts.
• Analyze the financial statement and its ratio.
• Take decisions in capital budgeting and investments.
• Identify cost and management accounting techniques and ideas.

Syllabus Contents:

2. Preparation of Final Accounts: Manufacturing Accounting, Trading Account, Profit and Loss Account, Profit and Loss appropriation Account, Balance Sheet (with adjustments). Depreciation Accounting

3. Analysis of Financial Statement: Meaning and importance of Ratio analysis, Profitability ratios, Activity ratios, Liquidity ratios, Long-term solvency ratios, Common size statement, Comparative statements and Trend analysis

4. Cost Sheet and Break Event Point: Meaning and importance, Classification of cost, Finding COGS, Unit cost, Preparation of cost sheet, Finding BEP.

6. Capital Budgeting Techniques: Meaning and Importance, Payback Period, Discounted Payback Period, Net Present Value, Internal Rate of Return, Accounting Rate of Return, Profitability Index.

7. Cost of Capital: Basic Concept, Cost of Debt, Cost of Equity, Expected Rate of Return, Weighted Average Cost of Capital, Capital Structure.

8. Stock Market, Budget and Bangladesh Economy: Basics of Stock Market, Budget and Bangladesh Economy, Different Levels of Financial Markets, DSE, CSE, Different Economic Indicators of Bangladesh Economy

**Recommended Text(s):**


**MARITIME ECONOMICS**

Course Code : MPSM 514
Credits : 3.0
Contact Hours : 42

**Aim:**
The aim of the course is to provide an understanding of how the shipping market economic works. Students would be able to answer some basic questions about how the shipping market
is organized, how it works, how the freight rate is determined, how the cycle works, how are ships financed and what influence the design as well as the economic principle behind these.

**Learning Outcomes:**

Students will be able to identify/discuss/describe/explain/analyze:

- Shipping and Shipping Market Economics
- Shipping Company Economics
- Seaborne Trade and Transport Systems
- The Merchant Fleet and Transport Supply
- Forecasting and Planning

**Syllabus Contents:**

1. **The economic organization of the shipping market:** Economic role of the shipping industry, demand for sea transport, world merchant fleet, supply of sea transport, role of ports in the transport system, Shipping cycles and shipping risk, Characteristics of shipping market cycles, The frequency of shipping cycles, Freight market cycles, 1869–1914, The return on investment in shipping, The prediction of shipping cycles.


3. **Financing ships and shipping companies:** Ship finance and shipping economics, How ships have been financed in the past, The world financial system and types of finance, Financing ships with equity, Financing ships with debt, Finance for new buildings, Leasing ships.

4. **The economic principles of maritime trade:** study seaborne trade, The countries that trade by sea, An explanation of trade theory, Theories about the pattern of trade, Economic growth and sea trade, Trade forecasting and the commodity trade model.

5. **The global pattern of maritime trade:** Introduction, The Westline theory, Geographical
distribution of seaborne trade, Maritime trade of the Atlantic and East Pacific, Maritime trade of the Pacific and Indian Oceans, Eastern Europe and the former Soviet Union


8. The regulatory framework of maritime economics: How maritime regulation affects maritime economics, The institutions that regulate shipping, Self-regulation and the classification societies, The law of the sea, The regulatory role of the flag state


Recommended Text(s):
1. Martin Stopford, Maritime Economics
2. E. Karakitkos, L. Varnabides, Maritime Economics: A Macroeconomic Approach
Course Code : MPSM 515
Credits : 3.0
Contact Hours : 42

Aim:
The aim of this course is to develop the ability of our students to communicate well in any corporation or organization and also orient our students some basics of maritime related English.

Learning Outcomes:
By the end of the course, students should be able to: understand the fundamental principles of effective business and managerial communication; apply the critical and creative thinking abilities necessary for effective communication in today's business world; organize and express ideas in writing and speaking to produce messages suitably.
They will also be able to apply information systems in business in a narrow extent.

Syllabus Contents:
1. Speaking: Guided conversations (greetings, requesting, apologizing), Two-minute impromptu talks, Preparing and presenting talks on a given theme, Interviews Informal debates and group discussion, Public Speaking, Oral presentation, Responding to audio/video clips

2. Listening: Listening for main ideas/key information, Listening for specific details, Listening and understanding both implicit and explicit messages, Listening and responding to texts, Listening and note-taking, Listening to news, broadcasts and songs

3. Reading: Reading strategies, Speed reading, Active reading, Reading to improve linguistic skills and expand vocabulary, Critical reading, Extensive reading
4. Writing: Developing sentence structures to build language awareness and understanding sentence variation, Extending basic sentence construction with vocabulary, Use of complex sentence constructions with connectives, fragments and run-ons, Paraphrasing, Summarizing, Writing strategies: free-writing, brainstorming, mind mapping/clustering, narrowing the focus etc., Paragraph writing


9. Standard Maritime Communication Phrases

**Recommended text(s):**
Aim:
The course aims at developing a basic understanding in the students of the issues relating to procurement, development, appraisal, compensation, integration etc. of human resource for its optimum utilization and productivity in the organization in the context of dynamic maritime business environment.

Learning Outcomes:
Upon completion of the course, students should be able to:

- Understands the meaning of human resource management as well as maritime human resources, the concept of crew and manning a vessel, and the structure of the world maritime labour market.
- Understand and analyse the fundamental processes of managing human resources in general and more particularly in maritime environment.
- Compare and evaluate strategies for managing maritime human resources, both on board and ashore.

Syllabus Contents:
1. Strategic Role of Human Resource Management: History- nature- objectives


5. Maritime HRM: Introduction to human resource management (HRM) , Introduction to crew management and Maritime HRM, Describing the world maritime labour market, Maritime Human Resource Planning, Recruitment of ship’s and shore-based personnel, Selection and placement of ship’s and shore-based personnel, Training and development of ship’s crew and shore-based personnel, Performance evaluation onboard and ashore, Compensation and rewards in the shipping industry, Outsourcing
of maritime HRM practices, The competitive advantage from maritime HRM system

**Recommended Text(s):**


**SUPPLY CHAIN MANAGEMENT AND MARKETING**

Course Code : MPSM 522  
Credits : 3.0  
Contact Hours : 42  

**Aim:**
The aim of the course is to introduce the students with what is supply chain management and logistics and the principles belong to this area of study.

**Learning Outcomes:**
Student will know about logistics and supply chain management, the role of supply chain management in business as well as the role of port and shipping in the supply chain management.

**Syllabus Contents:**


4. Role of a Manager in Supply Chain - Supply Chain Performance Drivers - Key Enablers in Supply Chain Improvement - Inter-relation between Enablers and Levels of Supply Chain Improvement-Systems and Values of Supply Chain


8. Transportation- Position of Transportation in Logistics and Supply chain management- Road, Rail, Ocean, Air, Transport Multi model transport-Containerization


Recommended Text(s):
4. Ronald H. Ballou, Business Logistics and Supply Chain Management, Pearson Education.

FLEET AND CARGO OPERATION MANAGEMENT

Course Code : MPSM 523
Credits : 3.0
Aim:
The aim of the course is to let the students know with the principle of fleet and cargo operation management. Understanding different aspects of registration of ships, its operation, and maintenance as well as managing the crews and others. The budgeting technique for ship operation and management

Learning Outcomes:
Students will be able to identify/discuss/describe/explain/analyze:

- Fleet management preliminaries
- Ship registry & the regulatory bodies
- Technical management
- Crew management
- Budgeting technique

Syllabus Contents:

Fleet Management:
1. General knowledge of Fleet Management in all its aspects; the role of a ship manager towards the owner and his place in the organization
2. Analyze the market to make judgments on the outsourcing criteria. “Flag of Convenience”
3. Recognize the various parties important for shipping and Fleet Management; the rules applicable for Fleet Management,
4. Recognize the repair and maintenance regime. plan and manage work which arises from planned and unplanned repair and maintenance. organize emergency work.
5. Importance of manning for the total management of a ship. fulfilling future requirements taking into account demand and supply, social, cultural and ethic aspects.
6. Management system, improvement of safety and operation of ships via self-regulation and developing a safety culture. the possible risks of running ships.
7. Make a long term budget for ship operations and to manage the cost incurred, relevance of each cost category towards the total cost.
8. Judge and analyze the performance of a ship in port and under operation; performance improvement or cost reductions.

**Cargo Operation Management:**
1. Forces acting on cargo during transport; consequences and responsibilities of cargo problems; Cargo handling, stowage, securing and ship stability;
2. Basic principles for correct cargo stowage, packing, securing and lashing;
3. Type and care of shipboard handling and securing equipment; Terminal arrangements, layout of quays and transit sheds;
4. Handling of solid bulk and liquid bulk cargo; loading and unloading equipment for bulk and liquid cargoes;
5. Handling of break bulk cargo; equipment for handling pallets and containers; choice of Cargo Transport Units (CTU) type;
6. Methods of packing and securing of cargoes; Packing, handling, stowage, segregation and securing of dangerous goods; Regulations for the transport of dangerous goods;
7. Marking, labeling and placarding; Handling and storage of packaged dangerous goods in port areas;
8. Safe packing and securing of cargo in freight containers and vehicles;
9. Vehicles on Ro-Ro vessels; Lashing and securing of deck cargoes; Survey, inspection and certification of cargo equipment.

**Recommended text(s):**
1. Ship Management, Drewry Shipping Consultants, September, 2006
5. IMO, Code of Safe Practice for Solid Bulk Cargoes, London: International Maritime Organization
INTERNATIONAL LAW AND MARITIME CONVENTIONS

Course Code : MPSM 524
Credits : 3.0
Contact Hours : 42

Aim:
The course is designed with a view to enabling the students to develop their knowledge and understanding of legislative drafting and law making procedure in Bangladesh in general and in particular transforming international maritime legislations into municipal law of Bangladesh to have a better implementation of international standard. It also aims to familiar the students with different modes of interpretation of maritime legislations and understanding the jurisdiction of the Admiralty court and its procedures under the legal framework of Bangladesh. The aim of this course is also to orient students with different international conventions on the Maritime Affairs. The maritime commercial laws and the basics of marine insurance and claims so that they can apply this knowledge in day to day shipping operation.

Learning Outcomes:
By the end of this course students should be able to:
• understand law making procedure of Bangladesh;
• acquire basic legislative drafting skills;
• learn the procedure of incorporating international maritime legislations into municipal law of Bangladesh
• Understand admiralty jurisdiction and procedure of admiralty matters in Bangladesh.
• The different areas of maritime commercial laws
• The contingent nature of marine insurance and its subject matter to determine insurable interest under insurance contract.
• The calculation of total loss apart from the freight loss and partial loss.
• Understand the limitations and insurer’s liability in marine insurance.
**Syllabus Contents:**


2. The High Seas: Legal Status of the High Seas, High Seas Freedoms, nationality of Ships, Status of Ships on the High Seas International seabed area,

3. Settlement of disputes, The International Tribunal for the Law of the Sea (ITLOS), The International Court of Justice (ICJ), Arbitration and Other Forms of Alternative Dispute Resolutions (ADR).


6. The law of contract and other relevant legal principles, carriage of goods by sea and the relevant conventions including INCOTERMS and the recent developments.


10. Kinds of losses - perils and causaproxima - Actual Total Loss (ATL)-Constructive Total Loss (CTL) - Collisions and Salvage - Average Clause - general average - coverage and institute clauses - transit clauses - Disbursements - premiums - liability - mutual protection & indemnity clubs (P&I clubs)


**Recommended text(s):**

1. The Law of the Sea by R RChurchill,
2. The International Law of the Sea by R Rothwell
3. Shipping and Environment Law (2nd Edition) by Charles
6. The Modern Law of Marine Insurance by D. Rhidian Thomas ( Lloyd's List)
7. Simon Baughen “ Shipping Law” – Cavendish Publishing
8. Fransis Rose “ Marine Insurance” InformaUk Ltd

**MARITIME SAFETY AND SECURITY**

Course Code : MPSM 525
Credits : 3.0
Contact Hours : 42
**Aim:**
The course highlights on related international legislations on various aspects of safety and security in sea. Moreover, the course covers the legal arena for liability in marine collision; salvages and wrecks; towage; pilotage; piracy, hijacking and armed robbery at sea.

**Learning Outcomes:**
On completion of this course, students are expected to be able to: Use the basic provisions of International conventions to establish national, regional and global individual and collective responsibility for maritime safety and security. Moreover, students would be able to act as attorney on behalf of client filing suit for the violation of the safety measures by the concerned authority and claiming compensation for suffering.

**Syllabus Contents:**

2. Definitions of key terms and concepts (e.g. safety, risk, hazard etc)., Influencing factors on administrative decisions regarding risk and safety (social amplification of risk etc.) Risk assessment: Introduction of qualitative (failure mode and effect analysis, hazard and operability studies etc.) and quantitative (fault trees, event trees etc) methods of risk assessment.

3. Risk management: Introduction of risk control options (RCOs) with effects on likelihoods of unwanted events to occur and severity of consequences, Discussion of risk acceptance criteria, the as low as reasonably practicable (ALARP) principle. Formal Safety Assessment (FSA) as a tool in the IMO decision making process.

4. The need to investigate maritime casualties (Legal background): Overview about relevant regulations in different international and maritime legal instruments regarding casualty investigations, Reporting requirements to IMO about maritime casualties, Selected national approaches related to maritime casualty investigations
5. Accident investigation process: Initiation of maritime casualty investigations, Appointment of investigators, collecting of evidence, developing time lines, conducting interviews with witnesses

6. The General System Concept: Understanding the SAR system; legal basis of services, the global concept, national and regional systems, system component

**Recommended Text(s)**
1. Maritime Safety, Security and Piracy by Wayne Kenneth Talley
2. Maritime Safety: The Human Factors by Sean M Trafford

**RESEARCH METHODOLOGY**

Course Code : MPSM 526
Credits : 3.0
Contact Hours : 42

**Aim:**
The primary aim of this course is to introduce students to the majority of the quantitative as well as qualitative research methods used most frequently by management scholars, particularly within the domains of innovation and entrepreneurship studies.

**Learning Outcomes:**
The students might know how to design, implement and complete the research activities. It would include writing a proposal and academic writing.

**Syllabus Contents:**

2. Research Design- Exploratory, Descriptive, Casual, Formulation of hypothesis -
types. Measurement- characteristics of sound measurement tool, Scaling methods and sampling techniques- Nature, simple probability and complex probability – Non-probability samples.


5. Presenting results and writing the report: - Written and Oral Reports, The written research report, preparatory items, introduction, methodology, findings and conclusions-writing the draft to presentation – Oral presentation – preparation, delivery and audio-visuals.

Recommended text(s):
5. Research Methodology by C.R. Kothari

SHIP BROKING AND CHARTERING

Course Code : MPSM 531
Credits : 3.0
Contact Hours : 42
**Aim:**
The overall aim of the course is to educate the students with the principles of ship broking, chartering, sale and purchase management. Student will be able to understand the different market structure as well as the latest practices of ship broking and chartering and ship sale and purchase including different economical and legal aspects of the field.

**Learning Outcomes:**
Students will be able to identify/discuss/describe/explain/analyze:
- Principles of chartering
- Freight and hire calculation
- Standard Contracts
- Chartering practices
- Sale and purchase

**Syllabus Contents:**
1. Principles of Chartering-Introduction to Chartering –Chartering Terminology – Role of Broker –Types and Functions -forms and activities –charter parties


3. Purchase and Registration of Vessels -Exemptions and immunities -trading limits -dry-docking -protective clauses -stevedore damage


7. Cost/revenue and finance factors in chartering and ship acquisition. Information modes and channels. Freight and voyage calculations, case studies Build-up of pro-forma, agreements on terms, fixtures and charter parties.

8. Chartering routines and practices, standard terms, phrases and abbreviations used. Case studies on chartering negotiations. The concept of lay days, lay time, demurrage and dispatch.

9. Notice of readiness, “arrived ship” and time counting, Case studies on laytime, dispatch and demurrage. The reasons for buying and selling existing vessels. The advantages and disadvantages of second-hand vessels.


**Recommended text(s):**

1. Ship Sale and Purchase By Iain Goldrein, Matt Hannaford,
2. The Law of Shipbuilding Contracts, By Simon Curtis
3. The economics of tramp shipping / (by) B.N. Metaxas. (Athlone Press)  
4. Shipbroking and Chartering Practice: Seventh Edition (Business of Shipping) by Lars Gorton (Lloyd's List)
6. Tanker Chartering (Shipping Business Series) by Philip Wood (Witherby & Co Ltd)
7. Ocean Freights and Chartering by Cyril Frederick Hardy Cufley (Adlard Coles Nautical)
Aim:
The aim of the course is to let the students know how to identify and choose a superior competitive position, how to analyze a strategic situation, and finally how to create the organizational context to make the chosen strategy work.

Learning Outcomes:
Student might know how to formulate, implement and evaluate a strategy. What are the current strategies in the maritime field is under implementation now and the implication of strategic management theories on it.

Syllabus Contents:

2. How to judge the success or failure of any “Strategy” at a SEA-PORT? Study & Understand each of the following Methods to derive Strategy, SWOT Analysis, TOWS Analysis, BCG Matrix, Porter’s FIVE FORCE Analysis

3. How “Strategic Management Approach” can offer better solutions for long term in
Maritime Business looking to complexity & security issues involved. To understand how a dynamic Strategy Analysis can lead to Improvisation & Competitive Advantage to any Port / Logistic Company / Maritime Business.


6. Corporate maritime strategies: Cases and Analysis

**Recommended Text(s):**

1. Essentials of Strategic Management Hunger, J. David, Wheelen, Thomas L.
2. Strategic Management by Trehan, Wiley India
3. Strategic Management Creating Value in a Turbulent World by Fitzroy, Wiley India.
5. Blue Ocean Strategy by W. Chan Kim and Renée Mauborgne

**PORT OPERATION AND PLANNING**

Course Code : MPSM 533
Credits : 3.0
Contact Hours : 42

**Aim:**
The overall aim of the course is to understand the port’s operational and planning process through supply chain aspects as well as logistics management in port

**Learning Outcomes:**
After the completion of the course, students will be able to analyze/ express/ differentiate/ investigate:

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<td>a.</td>
<td>Port development and planning</td>
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<td>b.</td>
<td>Port investment, financing and pricing</td>
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<td>c.</td>
<td>Port productivity, marketing and competition</td>
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<td>d.</td>
<td>Logistics management and related aspects of ports</td>
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**Syllabus Contents:**

1. **Introduction of Port.** What is a port, the port system, Approaches to port operations and management

2. **Port development and organization.** History of port development. Port roles and function. Port users and stakeholders. Port administration and organizational structure. Traditional vs. emerging port management model. Recent trend in port development


4. **Port investment and financing.** Port costs and costing systems. Economic evaluation vs. financial appraisal of port projects. Financing mechanism of port projects. Contractual and legal arrangements. Private sector participation and emergence of global port operator. Public-private partnership (PPP) models in ports issues with public financing of port infrastructure

5. **Port pricing.** Port charges vs. port dues. Tariff structures and surcharges. Marginal cost pricing. Strategic port pricing. Through transport pricing. Other pricing models. Regulatory mechanism for port pricing

7. **Port Performance and Productivity.** Multi-disciplinary approaches to port performance, Economic impact and port performance, Trade logistics and port productivity, Index methods for measuring port efficiency, Frontier methods for port benchmarking, Optimization tools in port operations,

8. **ICT and Port Management.** Information management systems in port, Port community system, Terminal operation system, Port technology, ITS in ports

9. **Port Marketing and Competition.** Analysis of Port Markets, Port Marketing tools, Techniques of port promotion, Market intelligence and research in ports, Economic analysis of port competition, Forms of port competition, Port selection and choice modelling, Port co-operation, Competition policy and regulation

10. **Port Logistics.** The network structure of port operations, Freight logistics systems and ports, Intermodality and landside port logistics, Port centric logistics, Value added logistics services in ports, Port and trade logistics, and Integrating port in global supply chains.

11. **Port Safety.** Safety regulations and procedure, Formal safety assessments in ports, HAZAMT and the handling of dangerous goods, Accident reporting and investigation, Occupational safety and health


13. **Environmental Management and ports.** Coastal zone management and the port city
interface, Environmental port regulation, EIA in ports, Port operations and the climate change agenda, Contingency plans and environmental response

14. **Port labour and HRM.** History and development of port labour. Labour reform and social issues, Labour performance and Terminal operations, Port training and education, Port careers and HRD

15. **Port Policy.** Components and instruments of port policy, regulating port services. Subsidizing port services, Port governance and reform, Deregulation and institutional restructuring.

**Recommended text(s):**
2. Port security Handbook 2004 – Lloyds Register
3. Port Infrastructure & Economic Development – Pradeep Kumar Samanta & Ashok Kumar Mohanty (Gyan Publications 2005)
5. Port Development: A Handbook for Planners in developing countries – UNCTAD

**MULTIMODAL TRANSPORTATION AND LOGISTICS**

Course Code : MPSM 534
Credits : 3.0
Contact Hours : 42

**Aim:**
The overall aim of the course is to educate the students to understand the role of multimodal
transportation system. The economics of short sea shipping and different managerial, operational, institutional and infrastructure of multimodal transportation system.

**Learning Outcomes:**
Students will be able to identify/discuss/describe/explain/analyze:
- Multimodal transportation network
- Multimodal transportation Characteristics
- Division of Waterways and Navigation technologies

**Syllabus Contents:**

1. Multimodal Transport Network: Historical Development of Multimodal Transport Network, Present Role of Multimodal Transport in Asia and Europe, The Importance of Multimodal Transport

2. International Distribution: Importance of distribution in international trade, Basic distribution structures which meet international and national needs, the supply-chain concept and how the different transport modes may be combined, Understand the importance of modal interfaces and the basic function of ports, airports, inland depots, railheads etc.

3. Physical Operation: Characteristics of the main types of primary vehicles and equipment used: ships, trucks, trains and aircraft, special equipment and facilities used to enhance through transport including swap bodies, double stacks, trailer types, container types, structural needs and layout of modal interfaces and terminals: depots, warehouses and cargo-handling equipment

4. Trade Routes: Importance of main trade routes including the main container shipping routes, railway routes and land bridges, Relationship between commodities, value and transit time and transport mode, the economic, Political and environmental factors arising in respect of road/rail/barge competition and the role of short sea shipping, The role of airfreight and its advantages and limitations, the role of road haulage and the difference between international, domestic trunk and local delivery.
5. Transport Pricing: The nature of price competition between transport modes, namely sea versus road/rail versus air, Understand price measurements: tonne-kilometre, and cost-transit time benefit, the relationship between price and demand, The importance of revenue and cash flow, different pricing strategies, contribution or volume (market share) led, the calculation of through transport pricing, the component price/cost components and the concept of price transparency

**Recommended text(s):**
1. UNECE Resolutions
2. CCNR Regulations
3. Inland Shipping Ordinance, 1976 (Ordinance No. LXXII of 1976)

**ENVIRONMENTAL ISSUES IN PORT AND SHIPPING**

- Course Code: MPSM 535
- Credits: 3.0
- Contact Hours: 42

**Aim:**
The course is designed with a view to identify contemporary issues in port & shipping in the field of environment. How the sector is performing in terms of environmental protection and management. To analyze environmental protection standards and requirements, and to present how ports and shipping operators are implementing them. To examine cases of the best practices in the monitoring and control of ports activities and air pollution from ships. To provided economic explanations for maritime environmental regulations and to discuss the market instruments for the control of ship-originated pollution. To examine energy management onboard vessels and noise aspects in ports.

**Learning Outcomes:**
By the end of this course students should be able to:

- understand contemporary environmental issues in port & shipping;
- environmental protection and management, standard and requirements, and implementation;
- best practices in monitoring and control of port activities and air pollution;
- economics of marine environmental regulations;
- on-board energy management;
- noise and energy management in port.

Syllabus Contents:

3. Environmental issue in general and port reception facilities including the operational aspects, facilities, equipment’s.
4. Waste management, the administrative and operational aspects, types of waste, collection, treatment, transportation.
5. The investment and operational aspects of port reception facilities.
6. Related conventions including MARPOL.
7. Implementation of environmental standard the economic perspective.
8. Energy management aspects both in ship operation and port operations.

Recommended text(s):

1. Maritime Environmental Impacts (Book)

MARINE INSURANCE AND CLAIM

Course Code : MPSM 536
Credits : 3.0
Contact Hours : 42

Aim:
This course familiarizes the students with principles and coverage’s under marine cargo and hull policies. It explains the considerations of rating and underwriting along with claims procedures to be followed. It also helps to develop an understanding of general average and its adjustments from insurance perspectives and informs about the procedural aspects of recoveries from various third parties and measures for prevention of maritime fraud.

**Learning Outcome:**
Students will be able to identify/discuss/describe/explain/analyse:

- Maine insurance and its classifications
- Marine accidents and cases
- Marine claims

**Syllabus Contents:**


3. **Cargo Insurance:** Proposal Form, factors for acceptance, type of vessel, the Voyage or Transit, Type of Cargo, Packing forms, Containerization, Conditions of Insurance, IncoTerms, Declaration Forms, Marine Cover Note, Policy Form, endorsements, Container Transport.


5. **Protection & Indemnity (P&I) Insurance:** Third party liabilities including death and personal injury claims and pollution damage. Protection in respect of the ship owner’s liabilities arising out of the ownership of the ship, Indemnity liabilities incurred in respect of risks related directly to the operation of the ship.


**STUDY TOUR/ FIELD TRIP**

Course Code : DEV 501, DEV 503, DEV 505  
Credits : 2.0

**Aim:**
To orient students with the practical function of different maritime organizations.

**Outcome:**
After the completion of the trip/visit, the students will be able to:

- Explain the practical functions of maritime organisation
- Analyse the duties and responsibilities of different maritime professionals

**Method of Conduct:**
Every semester, there will be one study tour/ field trip. The study tour/ field trip will normally be conducted within the country. However, study tour/ field trip third semester may be conducted in overseas countries subject to availability of sponsorship. All of the visit will be conducted in maritime organizations. Like ports, dockyards, different shipping companies, ICDs, Terminals, Bangladesh Navy, Maritime institutes, Freight forwarder agencies etc.
STUDENT CONCLUDING SEMINAR

Course Code : DEV 502, DEV 504, DEV 506
Credits : 3.0

Aim:
To train the students to conduct the seminar.

Outcome:
After the completion of student concluding seminar, the students will be able to:

- Organize any seminar
- Deliver speech in a big platform.

Method of Operation:
In each semester there will be one Student Concluding Seminar. Student will organise the whole seminar on their own.