

**NED University of Engineering and Technology**  
**Department of Economics and Management Sciences**  
**Scheme of Studies for BS-Management Sciences (From Batch 2025)**

| Course code         | Course title                                         | Th        | Pr       | T         | Course code        | Course title                     | Th        | Pr       | T         |
|---------------------|------------------------------------------------------|-----------|----------|-----------|--------------------|----------------------------------|-----------|----------|-----------|
| <b>FSMG_Fall</b>    |                                                      |           |          |           | <b>FSMG_Spring</b> |                                  |           |          |           |
| <b>MG-110</b>       | Fundamentals of Management                           | 3         | 0        | 3         | <b>EC-104</b>      | Financial Accounting             | 3         | 0        | 3         |
| <b>MG-111</b>       | Principles of Marketing                              | 3         | 0        | 3         | <b>MG-114</b>      | Introduction to Business         | 3         | 0        | 3         |
| <b>ES-105 / 127</b> | Pakistan Studies / Pakistan Studies (for Foreigners) | 2         | 0        | 2         | <b>AF-101</b>      | IT Fundamentals and Applications | 2         | 1        | 3         |
| <b>ES-206 / 209</b> | Islamic Studies / Ethical Behavior (for Non-Muslim)  | 2         | 0        | 2         | <b>MT-102</b>      | Quantitative Reasoning-II        | 3         | 0        | 3         |
| <b>MT-101</b>       | Quantitative Reasoning-I                             | 3         | 0        | 3         | <b>EA-128</b>      | Functional English               | 3         | 0        | 3         |
| <b>ES-108</b>       | Ideology and Constitution of Pakistan                | 2         | 0        | 2         |                    |                                  |           |          |           |
| <b>Total</b>        |                                                      | <b>15</b> | <b>0</b> | <b>15</b> | <b>Total</b>       |                                  | <b>14</b> | <b>1</b> | <b>15</b> |
| <b>SSMG_Fall</b>    |                                                      |           |          |           | <b>SSMG_Spring</b> |                                  |           |          |           |
| <b>EA-201</b>       | Oral Communication                                   | 2         | 1        | 3         | <b>EC-103</b>      | Macroeconomics -I                | 3         | 0        | 3         |
| <b>MG-213</b>       | Introduction to Business Finance                     | 3         | 0        | 3         | <b>MG-112</b>      | Introduction to Sociology        | 3         | 0        | 3         |
| <b>EC-101</b>       | Microeconomics-I                                     | 3         | 0        | 3         | <b>MG-214</b>      | Human Resource Management        | 3         | 0        | 3         |
| <b>CT-153</b>       | Programming Languages                                | 2         | 1        | 3         | <b>MG-215</b>      | Business Law & Policy            | 3         | 0        | 3         |
| <b>MT-153</b>       | Principles of Economics                              | 3         | 0        | 3         | <b>MG-216</b>      | Managerial Accounting            | 3         | 0        | 3         |
| <b>AF-201</b>       | Civics and Community Engagement                      | 2         | 0        | 2         | <b>AF-200</b>      | Community Service                | NC        |          | NC        |
| <b>Total</b>        |                                                      | <b>15</b> | <b>2</b> | <b>17</b> | <b>Total</b>       |                                  | <b>15</b> | <b>0</b> | <b>15</b> |
| <b>TSMG_Fall</b>    |                                                      |           |          |           | <b>TSMG_Spring</b> |                                  |           |          |           |
| <b>EA-301</b>       | Business & Organizational Communication              | 3         | 0        | 3         | <b>MT-355</b>      | Financial Risk Management        | 3         | 0        | 3         |
| <b>MG-311</b>       | Product & Brand Management                           | 3         | 0        | 3         | <b>MG-212</b>      | Technology Management            | 3         | 0        | 3         |
| <b>MG-312</b>       | Business Research Methods                            | 3         | 0        | 3         | <b>MG-315</b>      | Business & Economics Forecasting | 2         | 1        | 3         |
| <b>MG-313</b>       | Business Ethics & Corporate Social Responsibility    | 3         | 0        | 3         | <b>MG-317</b>      | Operations Research              | 2         | 1        | 3         |
| <b>IM-303</b>       | Production Management                                | 3         | 1        | 4         | <b>MG-318</b>      | Consumer Behaviour               | 3         | 0        | 3         |
| <b>IM-416</b>       | Management Information System                        | 2         | 1        | 3         | <b>MG-485</b>      | Entrepreneurship                 | 2         | 0        | 2         |
|                     |                                                      |           |          |           | <b>EA/ES-xxx</b>   | Foreign Language-I               | NC        |          | NC        |
| <b>Total</b>        |                                                      | <b>17</b> | <b>2</b> | <b>19</b> | <b>Total</b>       |                                  | <b>15</b> | <b>2</b> | <b>17</b> |

| BSMG_Fall    |                                    |           | BSMG_Spring |           |              |                                    |           |          |           |
|--------------|------------------------------------|-----------|-------------|-----------|--------------|------------------------------------|-----------|----------|-----------|
| MG-xxx       | Elective-1*                        | 3         | 0           | 3         | CT-461       | E-Commerce                         | 3         | 1        | 4         |
| MG-xxx       | Elective-2*                        | 3         | 0           | 3         | MG-211       | Strategic Management               | 3         | 0        | 3         |
| MG-xxx       | Elective-3*                        | 3         | 0           | 3         | MG-480       | Business Process Management        | 2         | 1        | 3         |
| MG-xxx       | Elective-4*                        | 3         | 0           | 3         | MG-xxx       | Elective-6*                        | 3         | 0        | 3         |
| MG-xxx       | Elective-5*                        | 3         | 0           | 3         | MG-xxx       | Elective-7*                        | 3         | 0        | 3         |
| MG-499       | Management Sciences Design Project | 0         | 3           | 3         | MG-499       | Management Sciences Design Project | 0         | 3        | 3         |
| EA/ES-xxx    | Foreign Language-II                | NC        |             | NC        |              |                                    |           |          |           |
| <b>Total</b> |                                    | <b>15</b> | <b>3</b>    | <b>18</b> | <b>Total</b> |                                    | <b>14</b> | <b>5</b> | <b>19</b> |

**Grand Total = 135 Credit Hours**

**\*Students can opt elective courses from either Supply Chain Management or Marketing Specialisation**

| Specialisations                   |                                       |   |   |   |                         |                                      |   |   |   |
|-----------------------------------|---------------------------------------|---|---|---|-------------------------|--------------------------------------|---|---|---|
| Supply Chain Management Electives |                                       |   |   |   | Marketing Electives     |                                      |   |   |   |
| <b>Fall Electives</b>             |                                       |   |   |   | <b>Fall Electives</b>   |                                      |   |   |   |
| MG-450                            | Principles of Supply Chain Management | 3 | 0 | 3 | MG-460                  | Marketing Strategy                   | 3 | 0 | 3 |
| MG-451                            | Green Supply Chain Management         | 3 | 0 | 3 | MG-461                  | Global Entrepreneurial Marketing     | 3 | 0 | 3 |
| MG-453                            | Supply Chain Inventory                | 3 | 0 | 3 | MG-464                  | Personal Selling and Public Relation | 3 | 0 | 3 |
| MG-454                            | Supply Planning & Control Systems     | 3 | 0 | 3 | MG-467                  | Strategies of Advertising            | 3 | 0 | 3 |
| MG-456                            | Procurement Management                | 3 | 0 | 3 | MG-469                  | Corporate Strategy                   | 3 | 0 | 3 |
|                                   |                                       |   |   |   | MG-471                  | Retail Management                    | 3 | 0 | 3 |
|                                   |                                       |   |   |   | MG-472                  | Sales Management                     | 3 | 0 | 3 |
| <b>Spring Electives</b>           |                                       |   |   |   | <b>Spring Electives</b> |                                      |   |   |   |
| MG-452                            | Information Technology of SCM         | 3 | 0 | 3 | MG-468                  | Digital Marketing                    | 3 | 0 | 3 |
| MG-455                            | Business Process Simulation           | 3 | 0 | 3 | MG-470                  | Public Relations                     | 3 | 0 | 3 |
|                                   |                                       |   |   |   | MG-465                  | Trade and Consumer Promotions        | 3 | 0 | 3 |
|                                   |                                       |   |   |   | MG-463                  | Corporation & Consumer Behaviour     | 3 | 0 | 3 |

| Foreign Language-I |                     | Foreign Language-II |                      |
|--------------------|---------------------|---------------------|----------------------|
| Course Code        | Course Title        | Course Code         | Course Title         |
| EA-220             | Chinese Language-I  | EA-221              | Chinese Language-II  |
| EA-231             | Turkish Language-I  | EA-232              | Turkish Language-II  |
| EA-224             | German Language-I   | EA-225              | German Language-II   |
| EA-226             | French Language-I   | EA-227              | French Language-II   |
| ES-222             | Arabic Language-I   | ES-223              | Arabic Language-II   |
| EA-233             | Japanese Language-I | EA-234              | Japanese Language-II |
| EA-235             | Russian Language-I  | EA-236              | Russian Language-II  |

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**Proposed Mapping of Pre-Requisites Courses (Course Dependency Chart) from batch 2025**

