|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **English, Political Science & Economics** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **ENG-3104** | **Introduction to Linguistics** | 3(3-0) |
| **POL-3105** | **Political Science-I** | 3(3-0) |
| **ECO-3106** | Principles Of Microeconomics | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic/ Introduction to History/Kashmir Studies** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **ENG-3204** | **Introduction to Phonetics & Phonology** | 3(3-0) |
| **POL-3205** | **Political Science-II** | 3(3-0) |
| **ECO-3206** | Principles Of Macroeconomics | 3(3-0) |
| **Semester Total Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester** **Total Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology /Introduction to Sociology / Introduction to Management/ Introduction to Education / Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **15** |
| **Total Credit Hours** | | | | **66** |

Red General education Courses

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **Islamic Studies, History & Physical Education & Sports** | | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **ISL-3104** | **Uloom-ul-Quran** | 3(3-0) |
| **PES-3105** | **Philosophical Basis of Physical Education** | 3(3-0) |
| **HIS-3106** | **Introduction to History** | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **17** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic / Kashmir Studies** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **ISL-3204** | **History and Compilation of Hadith** | 3(3-0) |
| **PES-3105** | **Rules and Techniques of Games** | 3(2-1) |
| **HIS-3206** | **Islamic Histroy ( Pre-Prophet to Pious Caliphs)** | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education / Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester Total Credit Hours** | | | **16** | |
| **Total Credit Hours** | | | | **66** | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **(Islamic Studies, Political Science & History)** | | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Exploring Quantitative Skills** | 3(3-0) |
| **ISL-3104** | **Uloom-ul-Quran** | 3(3-0) |
| **POL-3105** | **Political Science-I** | 3(3-0) |
| **HIS-3106** | **Introduction to History** | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **17** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic/ Kashmir Studies** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **ISL-3204** | **History and Compilation of Hadith** | 3(3-0) |
| **PES-3105** | **Political Science-II** | 3(3-0) |
| **HIS-3206** | **Islamic Histroy ( Pre-Prophet to Pious Caliphs)** | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Tools for Quantitative Reasoning** | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education / Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester Total Credit Hours** | | | **16** | |
| **Total Credit Hours** | | | | **66** | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in AD**  **(English, Political Science & Economics)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **ENG-3104** | **Introduction to Linguistics** | 3(3-0) |
| **POL-3105** | **Political Science-I** | 3(3-0) |
| **ECO-3106** | **Principles of Micro-Economics** | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic/ Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **ENG-3204** | **Introduction to Phonetics & Phonology** | 3(3-0) |
| **POL-3105** | **Political Science-II** | 3(3-0) |
| **ECO-3106** | **Principles of Macro-Economics** | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester** **Total Credit Hours** | | | **15** |
| **Total Credit Hours** | | | | **66** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **(English, Political Science & History)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **ENG-3104** | **Introduction to Linguistics** | 3(3-0) |
| **POL-3105** | **Political Science-I** | 3(3-0) |
| **HIS-3106** | **Introduction to History** | 3(3-0) |
| **Semester Credit Hours** | | | **18** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic / Kashmir Studies** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **ENG-3204** | **Introduction to Phonetics & Phonology** | 3(3-0) |
| **POL-3205** | **Political Science-II** | 3(3-0) |
| **HIS-3206** | **Islamic Histroy ( Pre-Prophet to Pious Caliphs)** | 3(3-0) |
| **Semester Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester Credit Hours** | | | **15** |
| **Semester** **Total Credit Hours** | | | | **66** |
| **Total Credit Hours** | | | |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **(Geography, Political Science & History)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **GEO-3104** | **Principles of Geography** | 3(3-0) |
| **POL-3105** | **Political Science-I** | 3(3-0) |
| **HIS-3106** | **Introduction to History** | 3(3-0) |
| **Semester Total Credit Hours** | | | **17** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic / Kashmir Studies** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **GEO-3204** | **Physical Geography** | 3(2-1) |
| **POL-3205** | **Political Science-II** | 3(3-0) |
| **HIS-3206** | **Islamic Histroy ( Pre-Prophet to Pious Caliphs)** | 3(3-0) |
| **Semester Total Credit Hours** | | | **17** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
|  |  | 3(3-0) |
| **Semester Total Credit Hours** | | | **16** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **16** |
| **Total Credit Hours** | | | | **66** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Arts**  **(Geography, Psychology & Sociology)** | | | | |
| **Year** | **Semester** |  | **Course Title** | **Credit Hrs.** | |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) | |
| **GEN-3102** | **General Science** | 3(2-1) | |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) | |
| **GEO- 3104** | **Fundaments of Geography** | 3(3-0) | |
| **PSY-3105** | **Introduction to Psychology** | 3(3-0) | |
| **SOC-3106** | **Principles of Sociology** | 3(3-0) | |
| **Semester** **Total Credit Hours** | | | **18** | |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) | |
| **GEN-3202** | **Arabic / Kashmir Studies / Introduction to History** | 2(2-0) | |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) | |
| **GEO- 3204** | **Physical Geography** | 3(2-1) | |
| **PSY-3205** | **History & Perspectives of Psychology** | 3(3-0) | |
| **SOC-3206** | **Basics of Social Research** | 3(3-0) | |
| **Semester** **Total Credit Hours** | | | **17** | |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) | |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) | |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) | |
|  |  | 3(3-0) | |
|  |  | 3(3-0) | |
|  |  | 3(3-0) | |
| **Semester** **Total Credit Hours** | | | **16** | |
| **4th** | **GEN-4401** | **Introduction to Education/**  **Introduction to Management/ Introduction to Anthropology** | 2(2-0) | |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) | |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) | |
|  |  | 3(3-0) | |
|  |  | 3(3-0) | |
|  |  | 3(3-0) | |
| **Semester** **Total Credit Hours** | | | **15** | |
| **Total Credit Hours** | | | | **66** | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Science**  **(Botany, Chemistry & Zoology)** | | | | |
| **Year** | **Semester** |  | **Course Title** | **Credit Hrs.** | |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) | |
| **GEN-3102** | **Environmental Science** | 3(2-1) | |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) | |
| **BOT-3104** | **Introduction to Plant Sciences** | 3(2-1) | |
| **ZOO-3105** | **Principle of Animal Life-I** | 3(2-1) | |
| **Semester Total Credit Hours** | | | **15** | |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) | |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) | |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) | |
| **BOT-3204** | **Diversity of Plants** | 3(2-1) | |
| **ZOO-3205** | **Animal Diversity-I** | 3(2-1) | |
| **CHM-3206** | Inorganic Chemistry | 4(3-1) | |
| **Semester Total Credit Hours** | | | **18** | |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) | |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) | |
| **GEN-4303** | **Tools for Quantitative Reasoning** | 3(3-0) | |
| **BOT-4304** | **Plant Systematics, Anatomy & Development** | 3(2-1) | |
| **ZOO-4305** | **Principle of Animal Life-I** | 3(2-1) | |
| **CHM-4306** | **Physical Chemistry** | 4(3-1) | |
| **Semester Total Credit Hours** | | | **17** | |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) | |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) | |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) | |
| **BOT-4404** | Cell Biology, Genetics & Evolution | 3(2-1) | |
| **ZOO-4405** | **Animal Form & Function-I** | 4(3-1) | |
| **CHM-4406** | **Organic Chemistry** | 4(3-1) | |
| **Semester Total Credit Hours** | | | **17** | |
| **Total Credit Hours** | | | | **67** | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Science**  **(Double Math & Physics)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **Environmental Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **PHY-3104** | Mechanics and Theory of Relativity | 3(3-0) |
| **MAT-3105** | Calculus-I | 3(3-0) |
| **MAT-3106** | Vector Mechanics and Statics | 3(3-0) |
| **PHY-3107** | Physics Lab-I | 1(0-1) |
| **Semester Total Credit Hours** | | | **19** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| PHY-3204 | Electricity and Magnetism | 3(3-0) |
| MAT-3205 | Calculus-II | 3(3-0) |
| MAT-3206 | Introduction to Linear Algebra | 3(3-0) |
| PHY-3207 | Physics Lab-II | 1(0-1) |
| **Semester Total Credit Hours** | | | **18** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
| PHY-4304 | Waves, Oscillations and Thermodynamics | 3(3-0) |
| MAT-4305 | Calculus-III | 3(3-0) |
| MAT-4306 | Numerical Analysis-I | 3(3-0) |
| PHY-4307 | Physics Lab-III | 1(0-1) |
| **Semester Total Credit Hours** | | | **17** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology/ Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
| PHY-4404 | Modern Physics and Electronics | 3(3-0) |
| MAT-4405 | Ordinary Differential Equations | 3(3-0) |
| MAT-4406 | Mathematical Computing | 3(3-0) |
| PHY-4407 | Physics Lab-IV | 1(0-1) |
| **Semester Total Credit Hours** | | | **19** |
| **Total Credit Hours** | | | | **70** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Science**  **(Chemistry, Math & Physics)** | | | | |
| **Year** | **Semester** |  | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **Environmental Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **PHY-3104** | Mechanics and Theory of Relativity | 3(3-0) |
| **MAT-3105** | Calculus-I | 3(3-0) |
| **PHY-3106** | Physics Lab-I | 1(0-1) |
| **Semester Total Credit Hours** | | | **16** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **PHY-3204** | **Electricity and Magnetism** | 3(3-0) |
| **MAT-3205** | Calculus-II | 3(3-0) |
| **CHM-3206** | **Inorganic Chemistry** | 4(3-1) |
| **PHY-3207** | **Physics Lab-II** | 1(0-1) |
| **Semester Total Credit Hours** | | | **19** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning -II** | 3(3-0) |
| **PHY-4301** | **Waves, Oscillations and Thermodynamics** | 3(3-0) |
| **MAT-4303** | **Numerical Analysis-I** | 3(3-0) |
| **CHM-4304** | **Inorganic Chemistry** | 4(3-1) |
| **PHY-4305** | **Physics Lab-III** | 1(0-1) |
| **Semester Total Credit Hours** | | | 18 |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
| **PHY-4401** | **Modern Physics and Electronics** | 3(3-0) |
| **MAT-4403** | **Ordinary Differential Equations** | 3(3-0) |
| **CHM-4404** | **Inorganic Chemistry** | 4(3-1) |
|  | **PHY-4405** | **Physics Lab-IV** | 1(0-1) |
| **Semester Total Credit Hours** | | | **17** |
| **Total Credit Hours** | | | | **70** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Science**  **(Math, Stat & Physics)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **Environmental Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **PHY-3104** | Mechanics and Theory of Relativity | 3(3-0) |
| **MAT-3105** | Calculus-I | 3(3-0) |
| **STA- 3106** | **Introductory Statistics** | 3(3-0) |
| **PHY-3107** | Physics Lab-I | 1(0-1) |
| **Semester Total Credit Hours** | | | **19** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **PHY-3204** | **Electricity and Magnetism** | 3(3-0) |
| **MAT-3205** | Calculus-II | 3(3-0) |
| **STA-3206** | Introduction to Probability | 3(3-0) |
| **PHY-3207** | **Physics Lab-II** | 1(0-1) |
| **Semester Total Credit Hours** | | | **18** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **17** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **20** |
| **Total Credit Hours** | | | | **70** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Associate Degree in Science**  **(Computer, Math & Stat)** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **Environmental Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **STA- 3104** | **Introductory Statistics** | 3(3-0) |
| **MAT-3105** | Calculus-I | 3(3-0) |
| **CS-3106** | Database System | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **STA- 3104** | Introduction to Probability | 3(3-0) |
| **MAT-3205** | **Calculus-II** | 3(3-0) |
| **CS-3206** | **Introduction to Data Science** | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  | 3 |
|  | **Introduction to Linear Algebra** | 3 |
|  |  | 3 |
| **Semester Total Credit Hours** | | | **18** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education** **/ Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  |  |
|  | **Ordinary Differential Equations** |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **18** |
| **Total Credit Hours** | | | | **69** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AD Commerce** | | | | |
| **Year** | **Semester** | **Course Code** | **Course Title** | **Credit Hrs.** |
| **First Year** | **Ist** | **GEN-3101** | **Functional English** | 3(3-0) |
| **GEN-3102** | **General Science** | 3(2-1) |
| **GEN-3103** | **Quantitative Reasoning-I** | 3(3-0) |
| **COM-3104** | Introduction to Business | 3(3-0) |
| **ECO-3105** | Economic Theory and Practice | 3(3-0) |
| **COM-3106** | Financial Accounting- I | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **2nd** | **GEN-3201** | **Expository Writing (3 Cr.)** | 3(3-0) |
| **GEN-3202** | **Arabic /Kashmir Studies/ Introduction to History** | 2(2-0) |
| **GEN-3203** | **Application of Information & Communication Technologies** | 3(2-1) |
| **COM-3204** | Principles of Management | 3(3-0) |
| **STA-3205** | Inferential Statistics | 3(3-0) |
| **COM-3206** | Financial Accounting II | 3(3-0) |
| **Semester Total Credit Hours** | | | **18** |
| **Second Year** | **3rd** | **GEN-4301** | **Islamic Studies** | 2(2-0) |
| **GEN-4302** | **Entrepeneurship** | 2(2-0) |
| **GEN-4303** | **Quantitative Reasoning-II** | 3(3-0) |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **18** |
| **4th** | **GEN-4401** | **Intoduction to Psychology / Introduction to Sociology / Introduction to Management/ Introduction to Education/Introduction to Anthropology** | 2(2-0) |
| **GEN-4402** | **Civics & Community Engagement** | 2(2-0) |
| **GEN-4403** | **Ideology& Constitution of Pakistan** | 2(2-0) |
|  |  |  |
|  |  |  |
|  |  |  |
| **Semester Total Credit Hours** | | | **18** |
| **Total Credit Hours** | | | | **69** |