Course Checklist

First Year - First Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Theo 1 | I Believe | 3 |  | 3 | None |
|  | Engl 1 | Communication Arts I | 3 |  | 3 | None |
|  | Fil 1 | Komunikasyon sa Akademikong Filipino | 3 |  | 3 | None |
|  | Hist 1 | Philippine History | 3 |  | 3 | None |
|  | Math 1B | College Algebra | 5 |  | 5 | None |
|  | Math 2A | Plane and Spherical Trigonometry | 3 |  | 3 | None |
|  | Chem 1A | General and Inorganic Chemistry 1 (Lec) | 3 |  | 3 | None |
|  | Chem 1AL | General and Inorganic Chemistry 1 (Lab) |  | 1 | 1 | None |
|  | Comp 1 | Introduction to Computers and Information |  | 3 | 3 | None |
|  | PE 1 | Physical Fitness | 2 |  | 2 | None |
| **Total** | | | 25 | 4 | 29 |  |

First Year - Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Theo 2 | Believing into Discipleship | 3 |  | 3 | Theo 1 |
|  | Engl 2 | Communication Arts II | 3 |  | 3 | Engl 1 |
|  | Fil 2 | Pagbasa at Pagsulat Tungo sa Pananaliksik | 3 |  | 3 | Fil 1 |
|  | Psycho 1 | General Psychology with Drug Prevention | 3 |  | 3 | None |
|  | Math 3A | Analytic Geometry | 4 |  | 4 | Math 1B, Math 2B |
|  | Math 3D | Plane and Solid Geometry with Mensuration | 5 |  | 5 | Math 1B, Math 2B |
|  | Math 9 | History and Foundation of Mathematics | 3 |  | 3 | None |
|  | Chem 2A | General and Inorganic Chemistry II (Lec) | 2 |  | 2 | Chem 1A |
|  | Chem 2AL | General and Inorganic Chemistry II (Lab) |  | 1 | 1 | Chem 1AL |
|  | PE 2 | Rhythmic Activities | 2 |  | 2 | PE1 |
| **Total** | | | 29 |  | 29 |  |

First Year - Summer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | NSTP-WTS 1 | National Service Training Program I | 3 |  | 3 | None |
| **Total** | | | 3 |  | 3 |  |

Second Year - First Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Theo 3 | Discipleship in Community | 3 |  | 3 | Theo 2 |
|  | Fil 3 | Masining na Pagpapahayag | 3 |  | 3 | Fil 2 |
|  | Philos 1 | Logic | 3 |  | 3 | None |
|  | Polit Sc 1 | Political and Governance w/ Phil Const | 3 |  | 3 | None |
|  | Econ 1 | Basec Economics with TAR | 3 |  | 3 | None |
|  | Calc 1 | Calculus 1 | 5 | 3 | 5 | Math 3A |
|  | Math 21 | Mathematics of Investment | 3 |  | 3 | None |
|  | Phys 1A | College Physics I (Lec) | 3 |  | 3 | Math 1B, Math 2A |
|  | Phys 1AL | College Physics I (Lab) |  | 1 | 1 | Math 1B, Math 2A |
|  | PE 3 | Individual/Dual Sports/Games | 2 |  | 2 | PE 1 |
| **Total** | | | 28 | 1 | 29 |  |

Second Year – Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Theo 4 | Living Like Jesus | 3 |  | 3 | Theo 3 |
|  | Engl 7 | Technical Writing | 3 |  | 3 | Engl 2 |
|  | Philos 2 | Ethics | 3 |  | 3 | Philos 1 |
|  | Socio 1 | Society and Culture w/ Family Planning | 3 |  | 3 | None |
|  | Hist 2 | Life and Works of Rizal | 3 |  | 3 | None |
|  | Calc 2 | Calculus 2 | 5 |  | 5 | Calc 1 |
|  | Math 19 | Set Theory and Logic | 3 |  | 3 | Calc 1, Philos 1 |
|  | Phys 2A | College Physics 2 (Lec) | 3 |  | 3 | Phys 1A |
|  | Phys 2AL | College Physics 2 (Lab) |  | 1 | 1 | Phys 1A, Phys 1AL |
|  | PE 4 | Team Sports and Games | 2 |  | 2 | PE 1 |
| **Total** | | | 28 | 1 | 29 |  |

Second Year - Summer

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | NSTP – CWTS 2 | National Service Training Program II | 3 |  | 3 | NSTP – CWTS 1 |
| **Total** | | | 3 |  | 3 |  |

Third Year - First Semester

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite | Co requisites |
|  | Educ 3 | Principles and Methods of Teaching | 3 |  | 3 | None |  |
|  | Econ 2 | Macroeconomics Theory | 3 |  | 3 | Econ 1 |  |
|  | Calc 3 | Calculus 3 | 5 |  | 5 | Calc 2 |  |
|  | Stat 1 | Statistics 1 | 3 |  | 3 | Calc 2 |  |
|  | Math 13 | Theory of Equation | 3 |  | 3 | Calc 2 |  |
|  | Math 14 | Linear Algebra | 3 |  | 3 | Calc 2 |  |
|  | Math 23 | Number Theory | 3 |  | 3 | Math 19 |  |
|  | Comp 2 | Computer Programming I |  | 3 | 3 | Comp1 |  |
| **Total** | | | 23 | 3 | 26 |  |  |

Third Year - Second Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Educ 3a | Educational Psychology | 3 |  | 3 | Educ 3 |
|  | Stat 2 | Statistics 2 | 3 | 1 | 4 | Stat 1 |
|  | Math 6A | Differential Equations | 3 |  | 3 | Calc 3 |
|  | Math 16 | Operations Research 1 | 3 |  | 3 | Math 14 |
|  | Math 18 | Numerical Methods | 3 |  | 3 | Math 13, Math 14, Calc 3 |
|  | Math 24 | Abstract Algebra | 3 |  | 3 | Math 14, Math 23 |
|  | Comp 3 | Computer Programming II |  | 3 | 3 | Comp 2 |
| **Total** | | | 21 | 3 | 24 |  |

Fourth Year - First Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite |
|  | Math 17 | Operations Research II | 3 | 1 | 4 | Math 16 |
|  | Math 22 | Real Analysis | 3 |  | 3 | Calc 3 |
|  | Math 26 | Graph Theory | 3 |  | 3 | Math 24 |
|  | Math Res 1 | Research 1 | 3 |  | 3 | 4th year standing |
|  | Math Ed 1 | Observation and Participation | 3 |  | 3 | 4th year standing |
|  | Comp 4 | Computer Applications |  | 3 | 3 | Comp 3 |
| **Total** | | | 15 | 4 | 19 |  |

Fourth Year - Second Semester

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Course No. | | Descriptive Title | Lec | Lab | Units | Pre-  requisite | Co requisites |
|  | Math 27 | Vector Analysis | 3 |  | 3 | Phys 1A, Math 14 |  |
|  | Math 28 | Complex Analysis | 3 |  | 3 | Math 22 |  |
|  | Math 29 | Modern Geometry | 3 |  | 3 | Math 10, Math 24 |  |
|  | Math 30 | Combinatorics | 3 |  | 3 | Math 26 |  |
|  | Math Res 2 | Research 2 | 3 |  | 3 | Math Res 1 |  |
|  | Math Ed 2 | Practicum | 3 |  | 3 | Math Ed1 |  |
| **Total** | | | 18 |  | 18 |  |  |