B.S. in Applied Physics (Electronics Emphasis) 2018-2019: Option 1 CWILT

First Year Fall Credits Interim Credits Spring Credits PHY 292 4 GES 160 Inquiry Seminar 3 MAT 125 Calculus 2 & PHY 292D General Physics I and General Physics I Lab PHY 296 MAT 124M Calculus 1 & PHY 297 General Physics II and General Physics II Lab GES 125 Introduction to the Creative Arts GES 130 Christianity Western Culture GES 140 Introduction to Wellbeing BIB 101 Introduction to the Bible 15 15 3 Second Year Fall Credits Interim Credits Spring Credits World Cultures (U) course 3 MAT 222 Differential Equations ENR 260 Careers in Engineering and Physics Seminar PHY 312 MAT 223 Multivariable Calculus & PHY 313 Modern Physics and Modern Physics Lab COS 205 Scientific Computing Science, Technology, and Society (K) course PHY 302 Second Language (S) course *1 & PHY 303 Electronics and Electronics Lab Ceontemporary Western Life & Thought (L) Cross-cultural Experience (Z) course 0-3 course 14 16 Third Year Fall Credits Interim Credits Spring Credits PHY 400 Electricity and Magnetism 4 Comparative Systems (G) course PHY 340 Mechanics CHE 208 ENR 352 & CHE 208D & ENR 353 Accelerated General Chemistry and Computer Methods in Physics and Engineering and Computer Methods in Accelerated General Chemistry Lab Physics and Engineering Lab THE 201 Christian Theology ENR 306 & ENR 307 Digital Logic and Design and Digital Logic and Design Lab PHY 365 Physics Research Seminar ENR 326 Circuit Analysis Simulations 15 12 Fourth Year Fall Credits Interim Credits Spring Credits ENR 424 4 Interim Off PHY 332 & ENR 425 & PHY 333 Materials and Devices and Materials and Optics and Optics Lab Devices Lab PHY 490 Research Artistic Experience (A) course 0-3 PHY 320 Mathematical Methods in Physics Contemporary Christian Issues (P) course and Engineering Interpreting Biblical Themes (J) course Leisure and Lifetime Sport (Q) course Elective 14 14

Total Credits 125

1. Students must complete through the second semester of a first year language course or equivalent

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit falls below 15 credits/semester. (Interim may be split

B.S. in Applied Physics (Electronics Emphasis) 2018-2019: Option 2 Humanities

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1. Students must complete through the second semester of a first year language course or equivalent Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit falls below 15 credits/semester. (Interim may be split between