## **COMPUTER SCIENCE – COMPUTER SYSTEMS OPTION**

FIRST YEAR SECOND YEAR Academic Year 2015-2016 Winter Fall Spring Fall Spring Winter MTH 231 & CS 162 WR 121 CS 162 Co-Req MTH 112 CS 161 WR 214/222 **CS 160** CS 161 CS 162 CS 261 CS 290 Writing for Bus./ Web Development Intro to Comp. Sci. I Intro to Comp. Sci. II **Data Structures** Computer Science C++, C **English Comp.** Orientation F, W, S, U, E (4) F, W, S, U, E (4) F, W, U (4) F, W, S, U, E (3) F, W, S, U, E (4) F (3) MTH 252 MTH 251 MTH 112 MTH 112 MTH 252 MTH 231 or 251 MTH 251 MTH 252 MTH 231 MTH 254 MTH 306 **ECE 271** Differential Calculus **Integral Calculus** Discrete Math I **Vector Calculus** Digital Logic Design Matrix & Power Series Methods F, W, S, U, E (4) F, W, S, U, E (4) F, W, S, U, E (4) F, W, S, U (4) F, W, S, U (4) F, S (3) MTH 251, Co-Reg 252 MTH 252, Co-Req 254 MTH 254 WR 121 COMM Perspectives PH 211+221 PH 213+223 PH 212+222 English Composition **Cultural Diversity** 111/114 Physics with Physics with **Physics with Alpha Sectioned** Calculus Calculus Speech Calculus F, W, S, U, E(3) F, W, S, U, E (3) F, W, S, U (5) W, S, U (5) F, W, S, U (3) F, W, S (5) MTH 252 HHS 231 + **Perspectives Perspectives Perspectives** Perspectives ST 314 **Biological Science** Western Culture Literature & Arts **Social Processes** Statistics for 241/PAC & Institutions **Engineers Lifetime Fitness** F, W, S, U, E (4) F, W, S, U, E(3) F, W, S, U, E (3) F, W, S, U, E (3) F, W, S, U, E (3)

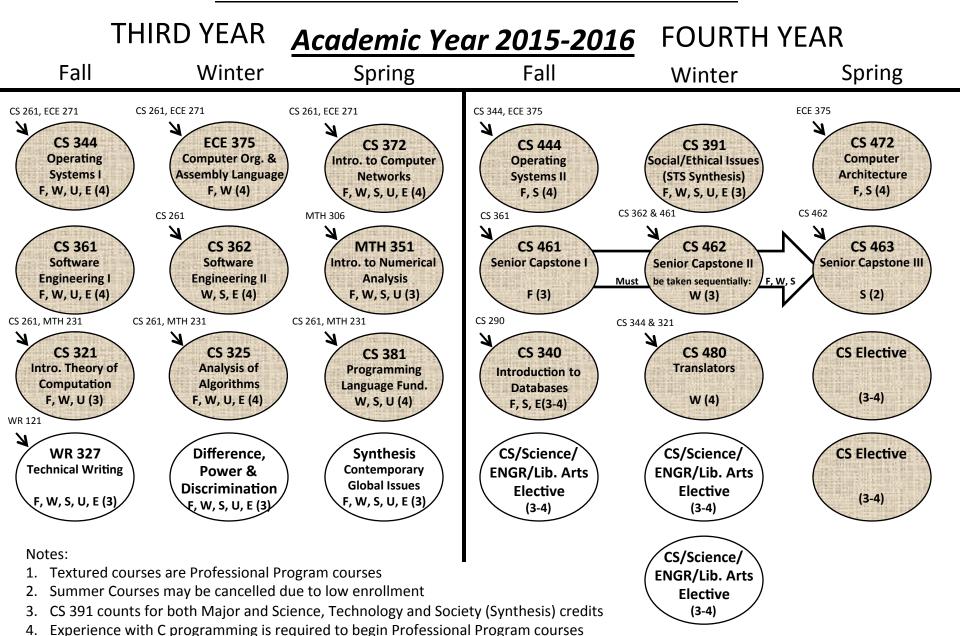
- 1. F, W, S, U: Represents the term the course is offered (Fall, Winter, Spring, Summer, Ecampus)
- ( ): Represents the credits of the course

ዪ W, S, U, E (2+<u>1</u>/

Notes:

- Arrows: Represents prerequisites and co-requisites for that course
- Shaded courses are required prior to admission to the Professional Program
- 5. Summer Courses may be cancelled due to low enrollment

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5. 180 total credits are needed to graduate