

Elementary Education Endorsements K-8
(Includes specialized K-12 ESL and 5-12 Instructional Strategist I)

(Updated November 2021)

K-12 COACHING ENDORSEMENT 2 1/2 cc

- __HE 244 Coaching Authorization (1/2 cc) **F, M**
- __HE 246 Coaching Theory **F**
- __PE 155 Care and Prevention of Athletic Injury **F, W, M**

PK-K EARLY CHILDHOOD ENDORSEMENT 8 cc

- __ED 210 Children's Literature **F, M**
- __ED 223 Language Development **F**
- __ED 354 Organization of Early Childhood Programs **F even years**
- __ED 355 Early Child: Family & Community Relations (1/2 cc) **M even years**
- __ED 356 Curriculum Development & Guidance of Young Children **F odd**
- __ED 481 Early Childhood Practicum (1/2 cc) **M even**
- __ED 484 Preschool/Kindergarten Student Teaching (2 cc)
- __HE 240 Basic Nutrition (1/2 cc) **F, M**
- __PSY210 Child Development (1/2 cc) **F**

K-8 INSTRUCTIONAL STRATEGIST I: MILD&MODERATE 7 1/2 cc

- __ED 214 Introduction to Mild and Moderate Disabilities (1 cc) **F PLUS**
- __ED 284 Field Experience: Mild & Moderate Disabilities (0 cc) **F**
- __ED 215 Psychology of the Exceptional Child (1 cc) **F, W, S**
- __ED 314 Methods & Strategies in Special Education (1 cc) **F even years**
- __ED 334 Managing Behavior & Skills in Special Education (1 cc) **W even yrs.**
- __ED 344 Assessment Practices in Special Education (1/2 cc) **W odd years**
- __ED 364 Community & Collaborative Partnerships in Special Ed (1 cc) **M odd**
- __ED 480 Student Teaching: Special Education (2 cc) **F, W**

5-12 INSTRUCTIONAL STRATEGIST I: MILD&MODERATE 7 1/2 cc

- __ED 214 Introduction to Mild and Moderate Disabilities (1 cc) **F PLUS**
- __ED 284 Field Experience: Mild & Moderate Disabilities (0 cc) **F**
- __ED 215 Psychology of the Exceptional Child (1 cc) **F, W, S**
- __ED 314 Methods & Strategies in Special Education (1 cc) **F even years**
- __ED 334 Managing Behavior & Skills in Special Education (1 cc) **W even yrs.**
- __ED 344 Assessment Practices in Special Education (1/2 cc) **W odd years**
- __ED 364 Community & Collaborative Partnerships in Special Ed (1 cc) **M odd**
- __ED 365 Transitioning & Exceptionalities (1 cc) **F**
- __ED 480 Student Teaching: Special Education (1-2 cc) **F, W**

K-12 ENGLISH AS A SECOND LANGUAGE 6 cc

- __ED 223 Language Development (1 cc) **F, S**
- __ED 327 Sociolinguistics and Bilingual Education (1 cc) **S**
- __ED 333 Assessment Practices in PreK-12 ESL Classrooms (1 cc) **S**
- __ED 473 Methods and Pedagogy PreK-12 ESL Classrooms (1 cc) **W PLUS**
- __ED 173 Field Experience in ESL (0 cc) **W**
- __EN 331 Structure of English (1 cc) **S**
- __GM 201 Intercultural Communication (1 cc) **S**

K-8 SCIENCE ENDORSEMENT 7 cc

- __BI 120 Science of Water **M even years**
- __SCI 385 Elementary Science Methods **F**
- __Three (3) courses from:
 - CH 110 Chemistry of Ordinary Things **F**
 - CH 113 Principles of Chemistry I **F**
 - CH 114 Principles of Chemistry II **W**
 - CH 190 Environmental Chemistry **M odd years**
 - PHY 101 General Physics I **F**
 - PHY 102 General Physics II **M**
 - PHY 130 Physics of Ordinary Things **F**
 - SCI 152 Episodes in the History of Science **S**
- __One (1) cc from:
 - BI 101 Concepts of Biology
 - BI 117 Environmental Biology **F**
 - BI 131 Biology of Ordinary Things **W**
 - BI 151 Biology I: Ecosystems, Cells, and Evolution **F**
 - NSC 135 Biology of the Mind **W**
- __One (1) cc from:
 - PHY 132 Earth Science **F even years**
 - PHY 170 Astronomy **M**
 - PHY 175 Astrobiology: Search for Alien Life **W**

5-8 MIDDLE SCHOOL ENDORSEMENT (10-11 1/2 cc)

- __ED 350 Content Area Reading Strategies **F, W, S**
- __ED 360 Middle Level Socialization Development **F even years**
- __ED 361 Middle School Curriculum **F odd years PLUS**
- __ED 384 Field Experience: Middle School (0 cc)
- Concentration in two (2) areas:
 - __Social Studies four (4) cc from:
 - HI 109 American History to 1877 OR HI 110 American History since 1877
 - HI 121 World Civilizations I OR HI 122 World Civilizations II
 - HI 150 20th Century Non-Western History & Geography
 - PS 101 Intro to American Politics
 - __Math four (4) cc from:
 - MA 106 Math in Modern Society **W**
 - MA 107 Finite Mathematics **F, W, M**
 - MA 110 Structures of Mathematics I **F**
 - MA 111 Structures of Mathematics II **W**
 - MA 190 Pre-Calculus **F**
 - MA 214 Statistical Methods **F, W, M**
 - MA 250 Applied Calculus **F, W**
 - MA 251 Foundational Differential Calculus **F, W**
 - MA 252 Foundational Integral Calculus **F, W**
 - __Science Three (3) cc from:
 - One life science course from:
 - BI 117 Environmental Biology **F**
 - BI 130 Drugs & Personal Health **W**
 - BI 131 Biology of Ordinary Things **W**
 - BI 132 Extreme Biology
 - One physical science course from:
 - CH 113 Principles of Chemistry I **F**
 - PHY 101 General Physics I **F**
 - PHY 102 General Physics II **W**
 - PHY 130 Physics of Ordinary Things **F**
 - One earth science course from:
 - PHY 132 Earth Science **F even years**
 - PHY 170 Astronomy **M**
 - BI 120 Science of Water OR PHY 120 Science of Water **M even years**
 - __Language Arts 4 ½ cc from:
 - COM 112 Oral Communication (1/2 cc) **F, W, M**
 - ED 223 Language Development **F**
 - EN 115 College Composition **F, W**
 - EN 156 Introduction to Myth and Folklore **M odd years**
 - EN 244 Young Adult Literature **F, W**

K-8 READING ENDORSEMENT 8 1/2 cc

- __COM 112 Oral Communication (1/2 cc) **F, W, M**
- __ED 210 Children's Literature **F, M**
- __ED 223 Language Development **F**
- __ED 320 Teaching Language Arts **W**
- __ED 321 Reading in the Elementary School **F PLUS**
- __ED 385 Field Experience: Elementary School Reading (0 cc) **F**
- __ED 326 Diagnostic & Remedial Reading **W PLUS**
- __ED 382 Field Experience: Diagnostic & Remedial Reading (0 cc) **W**
- __ED 350 Content Area Reading Strategies **F, W, S**
- __ED 390 Research in Reading **M**
- __EN 115 College Composition **F, W**

K-8 MATHEMATICS ENDORSEMENT 7 cc

- __MA 110 Structures of Mathematics I **F**
- __MA 111 Structures of Mathematics II **W**
- __MA 214 Statistical Methods **F, W, M**
- __MA 312 Teaching Elementary School Math **W**
- __One (1) cc in computer science selected from:
 - CS 110 Introduction to Information Systems **F, W**
 - CS 120 Introduction to Computers and Programming **F, M**
- __Two (2) cc from:
 - MA 106 Mathematics in Modern Society **W**
 - MA 107 Finite Mathematics **F, W, M**
 - MA 190 Pre-Calculus **F**
 - MA 250 Applied Calculus **F, W**
 - MA 251 Foundational Differential Calculus (1/2 cc) **F, W**
 - MA 252 Foundational Integral Calc. (1/2 cc) **F, W**
- Or any MA course numbered 203 or higher