**Requirements for General Science Licensure**

**Grades 5-8**

*A major in any subject area is required to apply for this license. (This is not a major.)*

**Science 5-8 Endorsement** (28 credits)

\_\_\_\_\_\_ BIOL 101 Foundations of Biology **[NW, NS, QR, T1]** (4 credits)

\_\_\_\_\_\_ BIOL 201 Intermediate Cell Biology and Genetics (4 credits)

\_\_\_\_\_\_ CHEM 125 Intro/Chemistry Structures and Properties (4 credits) **[NS, T1]**

\_\_\_\_\_\_ CHEM 201 Purification/Separation Lab I (0)

\_\_\_\_\_\_ PHYS 105 Physics for the Life Sciences I **[M1, NS, NW, QR]** (4 credits)

\_\_\_\_\_\_ PHYS 106 Physics for the Life Sciences II **[NS, NW, T1]** (4 credits)

**Education Department Requirements**

\_\_\_\_\_\_\_ EDUC 111 Introduction to Teaching and Learning in a Diverse World **[CI]** (4 credits)

\_\_\_\_\_\_\_ EDUC 203 Development and Mental Health **[SW, J1]** **(**4 credits)

\_\_\_\_\_\_\_ EDUC 213 Clinical Experience for K-12/5-12 majors (1-2 credits)

\_\_\_\_\_\_\_ EDUC 278 Multidisciplinary Science for Mid-Level Educators (4 credits) **Fall, Odd Yrs.**

\_\_\_\_\_\_\_ EDUC 305 Human Exceptionalities (1 credit) Pre-req: EDUC 203

­­­­­­\_\_\_\_\_\_\_ EDUC 352 Teaching Reading in the Middle and Secondary Classroom (1-2 credits)

\_\_\_\_\_\_\_ EDUC 358 Middle Level Literacy and Pedagogy in the Sciences (4 credits) **Fall, Even Yrs.**

\_\_\_\_\_\_\_ EDUC 359 Issues in Education K-12 (Take semester prior to student teaching) (1 credit)

\_\_\_\_\_\_\_ EDUC 379A Educational Psychology **[SW, QR, TF] (**4 credits)

\_\_\_\_\_\_\_ EDUC 390 Ethics in Human Relations **[CS, BN]** (4 credits)

***Capstone Experience***Pre-req: successful completion of all requirements

\_\_\_\_\_\_\_ EDUC 36X Student Teaching (16 credits)