

Interdisciplinary Science Studies

This new major is designed for students who desire to become elementary-school science educators, but it will also prepare science educators for careers in museums, nature centers, aquariums, zoos, and similar organizations. Methods, approaches, and practices involved in teaching science to elementary-age children are provided through coursework in UMW's College of Education.

This program is designed to provide students with in-depth exposure to one area of science, broad exposure to at least one additional science area, background in basic mathematics, and exposure to other areas that will strengthen their pedagogy (e.g. engineering/design, museum studies, and digital storytelling.)

Students enrolled in the Interdisciplinary Science Studies major must also enroll in the Education coursework required for students in the 5-year, Master of Science (M.S.) in Elementary Education program. Feel free to contact me for details and addition information. Dr. Jodie Hayob, chair

New students considering a major in interdisciplinary science studies should select **EESC 110** or **EESC 111** during their first semester. They might also consider **MATH 120** or **CPSC 106** during their first year.

Below please find some examples of first semester schedules for an Interdisciplinary Science Studies major. There are many variations of a first semester schedule; the examples are just meant to help you see that there are many ways to reach the same goals.

Department of Earth & Environmental Sciences

Jepson Science Center
4th floor

[Department Website](http://cas.umw.edu/ees)
<http://cas.umw.edu/ees>

Department Chair

Dr. Jodie Hayob
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Example 1:

Course (credits)	Requirement(s) Met
1. EESC 110 – Intro. Environ Science I (3)	Major, NS
2. MATH 120 – Quantitative Reasoning in the Sciences (3)	Major, QR
3. LATN 101** – Elementary Latin (3)	Language
4. COMM 205 – Public Speaking (3)	Elective, SI*
5. FSEM 100A4 – Autism in Contemporary Literature & Film (3)	FSEM

Example 2:

Course (credits)	Requirement(s) Met
1. EESC 110 – Intro. Environ. Science I (3)	Major, NS
2. MATH 120 – Quantitative Reasoning in the Sciences (3)	Major, QR
3. THEA 111 – Intro to Theatre (3)	ALPA
4. FSEM 100N3 – Climate Change & Energy Resources (3)	FSEM
5. ANTH 101 – Anthropology (3)	HES

Example 3: Athletes for varsity sports must register for the 400-level course of the sport. Practice times for varsity sports can vary, but generally speaking, athletes should allow for enough time to get to and from practice on weekdays from 3 - 6 p.m. Please check with the individual coach for your sport to verify specific practice times each semester.

Course (credits)	Requirement(s) Met
1. EESC 111 – Our Dynamic Earth with Lab (4)	Major, NS
2. FREN 101** – Beginning French (3)	Language
3. FSEM 100C7 – Sexuality in Southern Literature (3)	FSEM
4. CPSC 106 – Digital Storytelling (3)	Major
5. PHYD 429 – Intercollegiate Swimming - Women (1)	Elective

**Please note that not all sections of a course may have the Speaking Intensive (SI) or Writing Intensive (WI) attributes. These designations for a course are dependent on instructor and semester, and are listed in the Banner description for the semester in which you are registering.*

***This particular course is in a discipline that allows students with demonstrated competence upon admission to UMW (such as AP/IB credit, dual enrollment, etc.) to begin courses at a higher level. Talk to your Student Success Coordinator if you believe you should start at a higher level.*