# *College in the High School Classes at SAMi*

**WHAT IS COLLEGE IN THE HIGH SCHOOL?**

A program that allows students to take college courses here on campus, earning both high school and college credit from a 4-year college or university. These credits are highly transferable to other colleges and universities (both in and out of state), and are free for all students to enroll!

## SCIENCE

- **AP Chemistry | Chem 161:** This course is usually required for science/engineering majors and pre-professional health students (6 Credits -- Bellevue College)
  - Pre-Req: Intro Chem & Pre-Calc (or concurrent enrollment)
- **AP Biology | Bio 160:** This course introduces major concepts of cell biology, including cell physiology and structure, molecular biology, genetics, and evolution. (6 Credits -- Bellevue College)
  - Pre-Req: Intro Chem
- **Anatomy & Physiology | Bio 201** (5 credits -- Central Washington University). Intro to Anatomy & Physiology encouraged.
- **Oceanography is Ocea&101** – Introduction to Oceanography with Lab

## MATH

- **Pre-Calculus II | MATH 154** Trigonometry and Transcendental Functions (5 credits -- Central Washington University)
  - Pre-Req: Algebra 2, Accuplacer Exam
- **Calculus I | MATH 172** Derivatives and Applications of Rates of Change (5 credits -- Central Washington University)
- **Calculus II | MATH 173** Integrals and Applications of Antiderivatives as Area/Volume (5 credits -- Central Washington University)

## COMPUTER SCIENCE

- **AP Comp Sci Principles | CPW 101** Introduction to Programming (5 credits -- Clover Park). Prior CS experience encouraged.
- **AP Comp Sci A | CPW 140** Java Object-Oriented Programming (6 Credits -- Clover Park)
  - Pre-Req: AP Comp Sci Principles in 10th or 11th grade

## HUMANITIES

- **Academic Writing I | Eng 101** Critical Reading and Responding (5 credits -- Central Washington University)
- **AP English Language | Eng 102** Reasoning and Research on Social Justice (5 Credits -- Central Washington University)
- **Eng 105 Science and Tech |** An Introduction to Literature and Theory (5 credits -- Central Washington University)
- **Heritage Spanish | Span 151 + 152** (10 credits across two semesters -- Central Washington University)

# *Dual-Credit Classes at SAMI*

**WHAT IS DUAL CREDIT?**

A program that allows students to take technical college courses here on campus, earning both high school and college credit from a 2-year technical or community college. These credits are transferrable between any college within the P3 network (Bates, Pierce College, or Clover Park)

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| **CAREER AND TECHNICAL EDUCATION** | • Next Move Internship (Business Communications – Clover Park<br>• Computational Physics (Computer Application Essentials – Bates/Pierece)<br>• Intro to Design Illustration (Digital Photography – Clover Park<br>• Teach 253 1A – (Introduction to Early Childhood Education – Bates/Pierce/Clover Park)<br>• Teach 253 2A – (Early Childhood Education Practicum – Bates/Pierce/Clover Park)<br>• Agricultural Food and Natural Resources – Orientation to Environmental Science – Clover Park)<br>• Veterinary Science (Medical Terminology – Bates/Pierce/Clover Park)<br>• Natural Resources (Introduction to Soils – Clover Park)<br>• ROV (Robotics – Bates) |