

ECHS Science and Math Pathway (30 credits total) This pathway is for students seeking a career related to Science or Math. This could include physical therapy, medicine, nursing, and engineering. The focus area is in bold, with courses offered at CHS listed below it. In the last 4 focus areas, choose enough credits to add up to at least 24 hours, for a total of at least 30 credit hours.

Written Communication (Need 3 credits)

Advanced Composition (IU W131)-3 credit hours

Speaking and Listening (Need 3 credits)

Speech (IU COMM 101)-3 credit hours

Quantitative Reasoning (Need to choose 6-9 credits)

Finite Math (Ivy Tech MATH 135)-3 credit hours

College Algebra (Ivy Tech MATH 136)-3 credit hours

Trigonometry (Ivy Tech MATH 137)-3 credit hours

Calculus (Ivy Tech MATH 211)-4 credit hours

Scientific Ways of Knowing (Need to choose 6-10 credits)

Biology EC (Ivy Tech BIOL 105)-5 credit hours

Physics EC (Ivy Tech PHYS 101)-3 credit hours

Chemistry I (Ivy Tech CHEM 101)- 3 credit hours

ACP Chemistry (IU C105)-5 credit hours

ACP Chemistry 3-4 (IU C106)-5 credit hours

Social and Behavioral Ways of Knowing (Need to choose 3-6 credits)

AP History 1 (Ivy Tech HIST 101)-3 credit hours

AP History 2 (Ivy Tech HIST 102)-3 credit hours

Psychology EC (Ivy Tech PSYC 101)-3 credit hours

Humanistic and Artistic Ways of Knowing (Need to choose 3 credits)

Themes in Literature (IU L202)-3 credit hours

French 3 (Ivy Tech FREN 101 & FREN 103)-6 credit hours

French 4 (Ivy Tech FREN 201 & FREN 203)-6 credit hours

Music Appreciation (Ivy Tech HUMA 118) –3 credit hours

*** Ivy Tech offers the opportunity to take two college courses for FREE through the “Take a Course on Us” (TACO U) program. These courses may be taken beginning the summer before the senior year, during the senior year, and the summer after the senior year. Please talk with the guidance office for this opportunity to earn up to 6 more free college credits.

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