BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

Focus Areas for the Associate in Science

Description

Students have two options in earning an AA or AS degree. They may decide on a degree in general pre-baccalaureate studies, which allows a wide choice of courses and an opportunity to explore many subject areas, or they may decide on a Focus Area, which allows them to explore one field of study in more depth. A Focus Area is not a major or a minor but is a concentration of related courses. Focus Area requirements are 12-21 hours with at least one 200-level course or one course with appropriate prerequisites. If students plan to transfer after earning their AA or AS degrees, they may fulfill a number of their pre-major requirements by choosing a Focus Area. Obtaining a Focus Area, however, does not mean that a student has fulfilled all pre-major requirements for a four-year degree at the University of Kentucky or elsewhere.

Allied Health – minimum 21 hours
Choose at least nine hours from CHE 170, CHE 180, CHE 175 CHE 185, ANA 209, BIO 150, BIO 151, BIO 152, BIO 153, BIO 226, BIO 209, BIO 137, BIO 139, BSL 214, PGY 206, PHY 211, PHY 213; choose an additional 12 hours from any of the sciences above or the following: CLA 131, MA 112, MA 123, PSY 223, STA 200, STA 291, SOC 101

Chemistry – minimum 15 hours
CHE 105, CHE 107, CHE 115 or CHM 105 & CHM 107, CHE 270; choose one from CHE 275, CHE 280, CHE 285, CHE 220, MA 113, MA 114, PHY 231 and PHY 241, PHY 232 and PHY 242

Computer Science – minimum 18 hours
CS115 and CS215 and (CS216 or CS275) and MA113 and (MA114 or (PHY231 and PHY241))

Mathematics – minimum 18 hours
MA 113, MA 114, MA 213, MA 214, CS 115

Natural Sciences – minimum 21 hours
Choose from BIO 150, BIO 151, BIO 152, BIO 153, CHE 170, CHE 180, CHE 175, CHE 185, MA 113, MA 123, CHE 230, CHE 232

Pre-Education – minimum 15 hours
EDP 202, PSY 110, MA 123 or STA 200, MA 201, PHY 160

Pre-Engineering – minimum 20 hours
MA 113, MA 114, MA 213, PHY 231, PHY 241, CHE 105 or PHY 232