

Section 5: Collaboration/Partnerships

Computer Science (NR): Secondary Major and Minor

A. Early Field Experiences

During their Computer Science program, majors and minors have the choice after their sophomore year of participation in the cooperative education program, which exposes them to mathematics and other areas where computers are needed in the modern world. In CSC 469 Seminar in Computers, students work on real-life assignments in industry, government, and education. Candidates can also participate in service projects through the Leadership Institute as part of a course's requirement and work with K-12 students on campus events to encourage students to become scientists and/or engineers. Teacher education candidates are not required to work in a K-12 school setting until they take EDU 401/402 Introduction to Elementary and Secondary Education. In EDU 401/402, the candidates conduct and write up a case study based in a K-12 classroom related to their major and/or minor area of study. A major outcome for the class is that they realize the appropriateness of Education as a career for themselves. EDU 478/578 Reading in the Content Areas also requires students to spend time in K-12 settings and to reflect upon their experiences in written and oral presentations. Other courses such as 420 Philosophy of Education and EDU 512 Educational Policy Studies require students to support their presentations and papers with K-12 classroom experience, even to become involved in a service project and or community service. The candidates are expected to include the grades for their level of certification, K-8 or 7-12, in their projects based on interaction with elementary or secondary faculty and students. The Education faculty is responding to candidates' complaints that they are overburdened with such field experiences by reviewing all pre-student teaching Education courses for their required field experiences. Once the data is gathered, the Department will make any adjustments it deems philosophically and pedagogically sound.

B. Collaboration/Partnerships with K-12 Schools

Postponed until 2005-2010

The Education Department of UDM is currently maintaining and establishing new collaborative efforts and/or partnerships with the Detroit Public Schools, the Archdiocese K-12 Schools, metropolitan suburban school districts, public academies as well as Wayne County RESA (Intermediate School District). The partnerships will be detailed in the 2005-2010 PR/PE reports.

C. Collaboration/Partnerships with Community Organizations

Postponed until 2005-2010

The Education Department of UDM is currently establishing a new strategic plan which involves collaborative efforts and/or partnerships with various community organizations such as the Urban League and New Detroit. The partnerships will be detailed in the 2005-2010 PR/PE reports.

D. Collaboration/Partnerships with Other Post-Secondary Institutions

Postponed until 2005-2010

The Education Department of UDM is currently establishing collaborative efforts and/or partnerships with various post-secondary institutions such as Wayne State University, University of Michigan-Dearborn, Marygrove and Macomb Community College. The partnerships will be detailed in the 2005-2010 PR/PE reports.