PROGRAM TRENDS

CURRENT PROGRAMS

UWM offers 184 degree programs, including 66 minor programs and 106 certificate programs. The 14 schools and colleges house more than 70 scholarly centers, institutes and laboratories. As a campus of discovery and learning, a student can also "build their own major" with a Committee Interdisciplinary Major. This option allows students to consult with a faculty committee to create a personalized major designed to meet specific individual educational goals.

The Graduate School offers a wide range of graduate studies in its 56 master's and 34 doctoral degree programs. There are traditional fields of study, as well as innovative professional and interdisciplinary programs, and most can be pursued on a full-time or part-time basis. To accommodate schedules of working students, late afternoon and evening courses are offered. Some program units also schedule weekend courses.

RECENTLY APPROVED AND DEVELOPING PROGRAMS

UWM is actively increasing its program array, especially at the graduate level. In recent years the following degree programs were developed and approved:

- BS in Nutritional Science,
- BS in Athletic Training,
- Master of Science in Public Health,
- Master of Science in Architecture,
- Master of Science in Microbial Biotechnology,
- Master of Arts in Teaching Arts,
- Master of Science
- Doctor of Philosophy in Freshwater Sciences

In addition, several programs are in development, including the following:

*New degree programs authorized for implementation:*

2015-16

- MS in Information Technology Management (Fall 2016)
- MFA in Dance (Summer 2016)
- MS in Athletic Training (summer 2017)
- BSE in Biomedical Engineering (Spring 2016)

2014-15

- PhD in Kinesiology (Summer 2014)
- MSP – Master of Sustainable Peacebuilding (Fall 2014)

*Anticipated new programs (expected submission date to BOR):*

- MS in Information Science and Technology (June 2016)
- BS in Urban Studies (Fall 2016)
- BA in American Indian Studies (Spring 2017)
- PhD in Epidemiology (Spring 2017)
• MS in Atmospheric Studies (Spring 2017)
• PhD in Atmospheric Studies (Spring 2017)
• MS in Applied Statistics (Spring 2017)

Programs in early stages of planning:

• PhD in Computer Science
• PhD in Civil Engineering
• PhD in Mechanical Engineering
• PhD in Electrical Engineering
• PhD in Materials Engineering

New Centers Established:
• Center for Aging and Translational Research
• Center for Sustainable Electrical Energy Systems
• Center for Advanced Computational Imaging

PROGRAMS DIRECTIONS

Southeastern Wisconsin’s transition to a knowledge-based economy is possibly the single greatest challenge facing the State of Wisconsin. University research has a significant impact on local economies, encouraging innovation, public and private investment, and acting as an engine for growth. National benchmarks show that every dollar invested in this way brings up to $3 of extramural funding back to the institution, and gives rise to substantial regional economic activity in the form of startups, technology transfer, and employment. State investment in basic research advances the University’s mission. It improves the overall quality of research, and it strengthens the educational experience for students, who benefit from attending a research institution at the forefront of discovery.

UWM has grown its faculty from 714 to 788 over the last decade. This has included notable increases in faculty to support collaborative research and degree programs in areas such as biomedical engineering, advanced manufacturing, ergonomics, drug discovery, health informatics, water sciences, and neurosciences. Many of these focal areas aligned with industries and academic partners in southeastern Wisconsin. They reveal a basic tenet of our long-term program development: today’s collaborative research seeds tomorrow’s new degree programs. This has already occurred in health informatics and freshwater, and is under consideration for biomedical engineering.

Only by developing the infrastructure to support these kinds of research and instructional/degree programs will UWM be able to attract, retain, and produce the best students and future professionals/leaders who will become rooted in the southeastern Wisconsin community; creating a more diverse, intelligent community that nurtures business and jobs.

With its recent classification by the 2015 Carnegie Classification of Institutions of Higher Education list as an R-1 doctoral research intuition, and with the 2nd largest number of Wisconsin-resident students in the UW System, UWM is actively driving the region’s transition to a knowledge-based economy. UWM provides a substantial influence to the economic vitality of the area and its participation in the global economy.