

Dual Degree Agreement

The College of Engineering, Mathematics, and Science University of Wisconsin - Platteville & University of Wisconsin - La Crosse

This document states the terms of an agreement between the College of Engineering, Mathematics, and Science at the University of Wisconsin - Platteville and the University of Wisconsin-La Crosse.

Beginning with the first semester of the 2000-01 school year, a dual degree program leading to a bachelors degree in Physics from the University of Wisconsin-La Crosse and a bachelors degree in a branch of engineering from the University of Wisconsin-Platteville will be available to qualified students. This dual degree program will require at least three years of attendance at University of Wisconsin-La Crosse followed by at least two years of attendance at the University of Wisconsin-Platteville campus.

University of Wisconsin-La Crosse students will be selected for entrance into the University of Wisconsin-Platteville College of Engineering, Mathematics, and Science based on the calculation of a cumulative grade point average using all grades including repeats and upon the positive recommendation of the Chair of the Department of Physics (or designee) at the University of Wisconsin-La Crosse. The minimum grade point average for admission will vary by major field and will be communicated to the University of Wisconsin-La Crosse at the beginning of each academic year. Admission to any program will never exceed a 2.5 average.

In the first three years of work taken at the University of Wisconsin-La Crosse, students must complete appropriate courses in chemistry, computer science, mathematics, and physics for the sought after degrees at both schools. The College of Engineering, Mathematics, and Science will work with University of Wisconsin-La Crosse advisors to recommend appropriate courses. Attendance during the summer at the University of Wisconsin-Platteville may be recommended in some cases. This would allow University of Wisconsin-La Crosse students to pick up courses unavailable in La Crosse and to minimize the length of their program.

Dual degree students should also take liberal education courses to meet the graduation requirements at the University of Wisconsin-La Crosse. With proper advising, dual degree students will then "automatically" meet the general education requirements for the University of Wisconsin-Platteville.

Courses, passed with a grade of C- or better, will be transferred to the University of Wisconsin-Platteville transcript as credit for equivalent courses; even though they may not be required in the engineering curriculum selected by the student.

During the period of time at the University of Wisconsin-Platteville, students will complete the requirements specified in the College of Engineering, Mathematics, and Science Bulletin at the time of admission to their engineering degree programs. The coursework passed with a C- or better at the University of Wisconsin-Platteville must also be transferred to University of Wisconsin-La Crosse to complete the requirements for the selected degree.

When transferring to the University of Wisconsin-Platteville from the University of Wisconsin-La Crosse, the student is expected to submit applications for admission, reciprocity, housing (if necessary), and financial aid on standard forms. These forms must be submitted in accord with the deadlines published in the current University of Wisconsin-Platteville.

Changes in curricula, at both institutions, will be accommodated as they occur. Students will be eligible to participate in commencement ceremonies at both the University of Wisconsin-Platteville and University of Wisconsin-La Crosse.

The University of Wisconsin-Platteville College of Engineering, Mathematics, and Science commits to report on a regular basis the performance of dual degree students currently enrolled. This will be sent to an appropriate person at the University of Wisconsin-La Crosse.

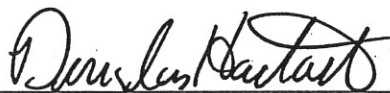
Recruitment of students for this program will be the responsibility of University of Wisconsin-La Crosse, with the cooperation of the University of Wisconsin-Platteville.

This agreement constitutes a declaration of intent and is subject to renegotiation as conditions change and experience dictates.

Date: March 3, 2000



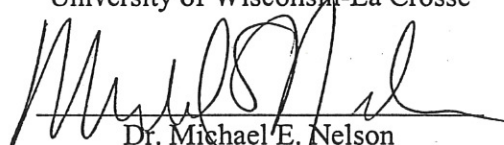
Dr. Carol Sue Butts
Provost and Vice Chancellor
University of Wisconsin-Platteville



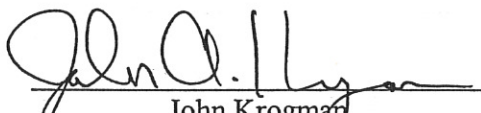
Dr. Douglas N. Hastad
Provost and Vice Chancellor
University of Wisconsin-La Crosse



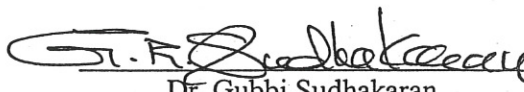
Dr. Rich Shultz
Dean, College of Engineering, Mathematics, and
Science
University of Wisconsin-Platteville



Dr. Michael E. Nelson
Dean, College of Science & Allied Health
University of Wisconsin-La Crosse



John Krogman
Chair, General Engineering Department
University of Wisconsin-Platteville



Dr. Gubbi Sudhakaran
Chair, Physics Department
University of Wisconsin-La Crosse

Physics/Engineering Dual Degree Program: UW-La Crosse → UW-Platteville

The information below delineates the required courses needed to complete a physics major at UW-La Crosse, transfer to UW-Platteville, and complete a two-year engineering major. A three-year sample schedule at UW-La Crosse is included. Consult the current undergraduate catalog for detailed information.

Engineering Core Courses

General Chemistry I and II
 Software Design I
 Calculus I
 Calculus II
 Calculus III
 Calculus IV
 Fundamental Physics I or General Physics I
 Fundamental Physics II or General Physics II
 Modern Physics

Required Courses

Elective in any area of experimental physics
 Physics and Astronomy Research (*independent study*)
Plus Four of these Seven Courses (totaling 11 credits)
 Experimental Physics
 Classical Mechanics
 Electrodynamics
 Thermodynamics
 Quantum Mechanics
 Optics and Optics Laboratory

Year One (freshman year)

Semester One (16 credits)		Credits
PHY 203 ¹	General Physics I	4
MTH 207	Calculus I	5
ENG 110	College Writing I	3
HST 151	World History to 1500	3
PHY 497	Physics & Astronomy Seminar	1

Semester Two (17 credits)		Credits
PHY 204 ¹	General Physics II	4
MTH 208	Calculus II	4
CST 110	Essentials of Speech Com.	3
C-S 120	Software Design I	3
HPR 105 ²	Health & Physical Well-being	3

Year Two (sophomore year)

Semester One (15 credits)		Credits
PHY 250	Modern Physics	3
PHY 311	Experimental Physics (<i>writing emphasis</i>)	2
MTH 309	Calculus III	4
ENG 201	American Literature I	3
ECO 110	Microeconomics & Public Policy	3

Semester Two (16 credits)		Credits
PHY 302	Optics	3
PHY 303	Optics Laboratory (<i>writing emphasis</i>)	1
MTH 310	Calculus IV	4
ENG 202	American Literature II	3
ECO 120	Global Macroeconomics	3
MUS 105	Music Appreciation	2

Year Three (junior year)

Semester One (16 credits)		Credits
PHY 321	Classical Mechanics	3
PHY 335	Electronics	4
CHM 103	General Chemistry I	4
ART 102	Art Appreciation	2
ENG 303	College Writing II	3

Semester Two (15-16 credits)		Credits
PHY 332	Electrodynamics	3
PHY 343	Thermodynamics (<i>or PHY 498</i>)	3
W-S 100	Introduction to Women's Studies	3
CHM 104 ³	General Chemistry	4
_____	General Education elective (<i>if needed</i>)	2-3

¹ PHY 103 and 104 are also accepted.

² HPR 105 is also offered in January-term and May-term.

³ Software engineering majors should substitute C-S 220, Software Design II.

Students in the dual degree program receive both a Bachelor of Science degree from UW-La Crosse and a Bachelor of Science degree from UW-Platteville. Approximate time to complete the program is five years; three years (at least 91 credits) at UW-La Crosse and two years at UW-Platteville.

Students must meet certain minimum standards to be selected for entrance into the UW-Platteville portion of the program; qualified UW-La Crosse applicants are assured admission in to the College of Engineering, Mathematics, & Science at UW-Platteville.