HEALTH SCIENCES PROFESSIONAL
2013–2014
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About Marquette University

From the President

At Marquette University, the entire university community is dedicated to the academic success and personal growth of our students. The university’s commitment to academic excellence is complemented by a grounding in the centuries-old Jesuit concept, cura personalis, which calls us to appreciate and respect the individual hopes, desires, aspirations and concerns of all members of the Marquette community.

In this spirit, this bulletin has been created to guide you in planning your academic career and professional development. With its descriptions of academic majors and required courses, study abroad opportunities, services for students and policies, it is here to help you choose the path at Marquette that best suits you, fosters your growth and prepares you for the challenges, rewards, leadership and service that await you when you complete your work here. Use it in the spirit of Father Jacques Marquette, the 17th century Jesuit explorer for whom our university is named. Let his embrace of the unfamiliar, his openness to new opportunities and his strong sense of purpose inspire you as you explore the offerings of this outstanding university.

Rev. Scott R. Pilarz, S.J.
President

From the Provost

Having chosen to invest a significant portion of your time and energy to pursue a degree at Marquette University, you are likely already beginning to understand what makes this university community special — what sets this 90-acre area in the heart of Milwaukee apart from any other place in the world.

This bulletin can serve as a roadmap for your time here at Marquette. It describes the range of majors and courses Marquette offers, graduation requirements, academic policies and procedures, and experiential learning opportunities that exist both inside and outside of the classroom. I hope you will find it a helpful resource as you register for classes and plan ahead for future semesters.

But a Marquette education goes beyond the educational foundation your courses provide. Through the guidance of faculty who are experts in their field and who truly believe in the teacher-scholar model, as well as leadership opportunities in service learning and student organizations, your time at Marquette will be more than an education. It will be an experience that we hope transforms you into men and women who seek answers to life’s deepest questions and contribute to solving the world’s most pressing problems.

Our faculty and staff are here to help guide your growth intellectually, emotionally and spiritually during your time at Marquette. They are a valuable resource, and I encourage you to seek their advice, listen to their perspectives gleaned from years in their respective fields, engage in meaningful dialogue and learn from their engagement with the Ignatian spirit that flows throughout campus.

During my six years on campus, I’ve come to realize that the Marquette community is truly a family — one that extends beyond our campus community to the 100,000 alumni who lead and serve in the fields of law, engineering, business, medicine, education, dentistry, the humanities, social sciences and communication in all corners of the world. We hope that your time here prepares you to leave Marquette better than you found it, to contribute your unique gifts to enriching the diversity of our campus community, and to be ready to go out into the world and be men and women for others.

Dr. Margaret Faut Callahan, C.R.N.A., F.N.A.P., F.A.A.N.
Interim Provost
Dean of the College of Nursing

History

Marquette University was founded in 1881 by members of the Society of Jesus, a Catholic religious order established in 1540 by St. Ignatius Loyola. The university is named after Father Jacques Marquette (1637-1675), a French, Jesuit missionary and explorer in North America.

The origins of Marquette University date from 1848 when the Most Rev. John Martin Henni, first bishop of Milwaukee, obtained $16,000 from Guillaume DeBoey, a Belgian, Catholic businessman, to establish a Jesuit college. Bishop Henni petitioned the Jesuits to open a school, Marquette College, in Milwaukee. Because the Jesuits lacked personnel to undertake the project for decades, Marquette College did not open until 1881.

Marquette remained a small liberal arts college for men at North 10th and West State streets until 1907. That year its leaders obtained a university charter from the state of Wisconsin and moved operations to a building just east of the Church of the Gesu, at North 12th Street and West Wisconsin Avenue. That building, Johnston Hall, is the oldest building on the Marquette campus.

Between 1907 and 1913, Marquette expanded to include divisions of medicine, dentistry, nursing, pharmacy, law, business, engineering, music and journalism. In 1909, Marquette became the first Catholic university in the world to offer coeducation as part of its regular undergraduate program.

Following World War II, enrollment at Marquette increased dramatically, as at other American colleges and universities. Demand for graduate and professional education grew. In 1957-58, Marquette became for a short time the largest Catholic university in the nation.
In the 1960s and '70s, Marquette introduced doctoral programs in various fields, including religious studies, biology, history and chemistry.

Since 1990, Marquette has added numerous programs, including degree programs for working adults, which offer courses on campus as well as at satellite locations in southeastern Wisconsin; a part-time law program; an executive master of business administration program; programs in physician assistant studies and exercise science; and a Graduate School of Management.

Today Marquette University has a campus of approximately 90 acres and 60 buildings located near downtown Milwaukee. It consists of 12 colleges and schools:

- Arts and Sciences
- Business Administration
- Communication
- Dentistry
- Education
- Engineering
- Graduate
- Health Sciences
- Law
- Management (Graduate)
- Nursing
- Professional Studies

**Mission Statement**

Marquette University is a Catholic, Jesuit university dedicated to serving God by serving our students and contributing to the advancement of knowledge. Our mission, therefore, is the search for truth, the discovery and sharing of knowledge, the fostering of personal and professional excellence, the promotion of a life of faith, and the development of leadership expressed in service to others.

**Excellence**

Our students, whether traditional or non-traditional, undergraduate, graduate or professional, come to Marquette University to share our commitment to the pursuit of excellence in all things as a lifelong endeavor. They come to join a community whose members — faculty, staff, students, trustees, alumni and friends alike — believe that education must encompass the whole person: spiritual and moral as well as intellectual, the heart as well as the mind. And they come seeking the educational, professional and cultural advantages of a university located in the heart of the city. We, in turn, take seriously our responsibility to foster and support excellence in teaching and research, to keep a Marquette education accessible to a diverse population of students, and to offer personal attention and care to each member of the Marquette community.

**Faith**

As a Catholic university, we are committed to the unfettered pursuit of truth under the mutually illuminating powers of human intelligence and Christian faith. Our Catholic identity is expressed in our choices of curricula, our sponsorship of programs and activities devoted to the cultivation of our religious character, our ecumenical outlook, and our support of Catholic beliefs and values. Precisely because Catholicism at its best seeks to be inclusive, we are open to all who share our mission and seek the truth about God and the world, and we are firmly committed to academic freedom as the necessary precondition for that search. We welcome and benefit enormously from the diversity of seekers within our ranks, even as we freely choose and celebrate our own Catholic identity.

**Leadership**

As a Jesuit university, Marquette embodies the intellectual and religious traditions of the Society of Jesus. Through an academically rigorous, values-centered curriculum, our students receive a firm grounding in the liberal arts, preparation for work in a world of increasing complexity and diversity, and formation for life as ethical and informed leaders in their religious, cultural, professional and civic communities. They work with and learn from faculty who are true teacher-scholars, whose research not only advances the sum of human knowledge, but also informs their teaching, and whose commitment to students is fundamental to their intellectual and professional lives.

**Service**

Through both our academic and co-curricular programs, Marquette strives to develop men and women who will dedicate their lives to the service of others, actively entering into the struggle for a more just society. We expect all members of the Marquette community, whatever their faith traditions, to give concrete expression to their beliefs by giving of themselves in service to those in need.

All this we pursue for the greater glory of God and the common benefit of the human community.
Vision Statement

Our vision is to provide a Catholic, Jesuit education that is genuinely transformational, so that our students graduate not simply better educated but better people, and to do so with such excellence that when asked to name the three or four best Catholic universities in America, people will include Marquette as a matter of course.

Statement on Human Dignity and Diversity

As a Catholic, Jesuit university, Marquette recognizes and cherishes the dignity of each individual regardless of age, culture, faith, ethnicity, race, gender, sexual orientation, language, disability or social class. Precisely because Catholicism at its best seeks to be inclusive, we are open to all who share our mission and seek the truth about God and the world. Through our admissions and employment policies and practices, our curricular and co-curricular offerings, and our welcoming and caring campus environment, Marquette seeks to become a more diverse and inclusive academic community dedicated to the promotion of justice.

Our commitment to a diverse university community helps us to achieve excellence by promoting a culture of learning, appreciation and understanding. Each member of the Marquette community is charged to treat everyone with care and respect, and to value and treasure our differences. This call to action is integral to the tradition that we share.

Accreditation

An educational institution is only as strong as the level of excellence that it demands of itself as well as of its faculty and students. Marquette University is accredited by the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools. Marquette University has set consistently high standards for itself that have resulted in accreditation and/or certification of its academic programs from these additional organizations and associations.

These accreditations assure a student that Marquette is recognized and approved by select national and regional educational associations, societies and councils. In addition, a student has the security of knowing that credits earned at Marquette have transfer value to comparable institutions of learning, just as an incoming transfer student learns by checking this list that Marquette can be expected to honor most credits earned at a similarly accredited college or university.

Accrediting Agencies

<table>
<thead>
<tr>
<th>College/School</th>
<th>Name of Agency</th>
<th>Academic Programs</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Klingler College of Arts and Sciences</td>
<td>American Psychological Association</td>
<td>Graduate Psychology – PhD in Clinical Psychology</td>
<td><a href="http://www.apa.org/">http://www.apa.org/</a></td>
</tr>
<tr>
<td>Diedrich College of Communication</td>
<td>Accrediting Council on Education in Journalism and Mass Communications (ACEJMC)</td>
<td>-BA in Adverstising -BA in Broadcast and Electronic Communication -BA in Journalism -BA in Public Relations -MA in Advertising and Public Relations -MA in Journalism</td>
<td><a href="http://www2.ku.edu/~acejmc/">http://www2.ku.edu/~acejmc/</a></td>
</tr>
<tr>
<td>School of Dentistry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College of Education</td>
<td>American Psychological Association</td>
<td>Graduate Education – PhD in Counseling Psychology</td>
<td><a href="http://www.apa.org/">http://www.apa.org/</a></td>
</tr>
</tbody>
</table>
| College of Education | National Council for Accreditation of Teacher Education (NCATE) | -BS degree with majors in elementary/middle education and middle/secondary education  
-MED degrees in educational administration, elementary education, secondary education  
-MA degrees in curriculum and instruction, educational policy and foundations, literacy | http://www.ncate.org/  

College of Engineering | The Biomedical Engineering, BSBE program is accredited by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Engineering | The Civil Engineering, BSCE program is accredited by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Engineering | The Computer Engineering, BSCO program is accredited by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Engineering | The Electrical Engineering, BSEE program is accredited by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Engineering | The Mechanical Engineering, BSME program is accredited by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Engineering | The Construction Engineering and Management, BS CEAM program has applied for accreditation by the Engineering Accreditation Commission of ABET | http://www.abet.org/  

College of Health Sciences | Accreditation Review Commission on Education for the Physician Assistant, Inc. (ARC-PA) | Master of Physician Assistant | http://www.arc-pa.org/index.html  

College of Health Sciences | American Society of Exercise Physiologists | BS degree with major in Exercise Physiology | http://www.asep.org/  


College of Health Sciences | Commission on Accreditation of Athletic Training Education (CAATE) | Baccalaureate in Athletic Training | http://www.caate.net/imis15/caate/  

College of Health Sciences | Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association | MS in Speech-Language Pathology | http://www.asha.org/academic/accreditation/CAA_overview.htm  

College of Health Sciences | National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) | BS degree with major in Clinical Laboratory Sciences | http://www.nacls.org/  

Law School | Section of Legal Education and Admissions to the Bar of the American Bar Association | JD | http://www.americanbar.org/groups/legal_education.html  

Nursing | Commission on Collegiate Nursing Education | -Bachelor of Science in Nursing  
-Master of Science in Nursing  
-Doctor in Nursing Practice | http://www.aacn.nche.edu/ccne-accreditation  

Nursing | Accreditation Commission for Midwifery Education (ACME) | -Certificate in Nurse Midwifery  
-MS in Nursing with a specialization in Nurse Midwifery | http://www.midwife.org/  

### Certification, Licensure, Credentialing and Other Recognitions

<table>
<thead>
<tr>
<th>College/School</th>
<th>Name of Agency</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Klingler College of Arts and Sciences</td>
<td>American Chemical Society</td>
<td>BS in Chemistry, Molecular Biology/biochemistry, Chemistry for the Professions</td>
<td><a href="http://portal.acs.org/portal/PublicWebSite/about/governance/committees/training/acsapproved/index.htm">http://portal.acs.org/portal/PublicWebSite/about/governance/committees/training/acsapproved/index.htm</a></td>
</tr>
</tbody>
</table>
**College of Business Administration**  
Chartered Financial Analyst (CFA) Institute  
BS in Finance, Applied Investment Management (AIM). The AIM program is a CFA Program Partner. The partnership designation means that Marquette University offers a degree program that covers at least 70 percent of the CFA Institute’s Program Candidate Body of Knowledge, the CFA Institute Ethical and Professional Standards, and other requirements.  
http://www.cfainstitute.org/partners/university/Pages/cfa_program_partners_overview.aspx

**College of Education**  
Wisconsin Department of Public Instruction  
College of Education:  
- Licensure programs in administration: superintendent, director of instruction, principal, reading specialist  
- Licensure programs in teaching: middle childhood-early adolescences; early adolescence-adolescence  
Graduate Education:  
- Licensure programs in pupil services: school counselor  
- Licensure program in teaching: supplemental teaching-reading specialist  
Graduate Speech-Language Pathology  
- Licensure programs in teaching: special education - speech and language pathology  
- Licensure program in bilingual-bicultural (18 credit-hour minor)  
http://tepdl.dpi.wi.gov/epp/educator-preparation-program-providers

**Graduate School**  
Commission on Accreditation of Allied Health Education Programs (CAAHEP)  
Specialist in Blood Banking (SBB) portion of the Master’s in Transfusion Medicine program. The Master’s in Transfusion Medicine is a collaboration between Marquette University and the BloodCenter of Wisconsin. The first 18 credits, consisting of the SBB program, are completed at the BloodCenter of Wisconsin. An additional 21-22 credits are completed at Marquette University. Marquette University has no direct affiliation with the CAAHEP. The CAAHEP assessors and standards come from the American Association of Blood Banks (AABB), AABB does not conduct a separate accreditation for CAAHEP; rather, CAAHEP relies on AABB to conduct the CAAHEP accreditation visit, but the accreditation comes from CAAHEP.  
http://www.caahep.org/

**College of Nursing**  
Wisconsin Board of Nursing  
The State of Wisconsin Board of Nursing certifies that Marquette University College of Nursing fulfilled the requirements for an accredited school of professional nursing leading to a baccalaureate degree.  
http://drl.wi.gov/profdetail.asp?pdetailid=2142&profid=46&locid=0

**Law School**  
Association of American Law Schools  
JD  
http://www.aals.org

**College of Health Sciences**  
American Physical Therapy Association  
Marquette, ProHealth Care, & Zablocki VA Medical Center Neurologic Residency Program (Credentialled)  
https://www.apta.org/

**College of Health Sciences**  
National Strength and Conditioning Association  
Exercise Physiology program; For successfully meeting established criteria, the National Strength and Conditioning Association officially recognizes Marquette University’s Program in Strength and Conditioning.  
http://www.nsca.com/Home/
Legal Disclosure

Marquette University does not discriminate in any manner contrary to law or justice on the basis of race, color, gender, age, sexual orientation, religion, disability, veteran’s status or national origin in its educational programs or activities, including employment and admissions. At the same time, Marquette cherishes its right and duty to seek and retain personnel who will make a positive contribution to its religious character, goals, and mission in order to enhance the Jesuit, Catholic tradition. Federal laws (Titles VI, VII and IX; the Age Discrimination Act in Employment of 1967 as amended, the Rehabilitation Act of 1973 as amended, the Veteran’s Readjustment Assistance Act of 1974, and the Americans With Disabilities Act of 1990) prohibit such discrimination.

Employee inquiries concerning the application of Section 503 of the Rehabilitation Act of 1973, Section 402 of the Vietnam Era Veteran’s Readjustment Assistance Act of 1974 and Title I of the Americans with Disabilities Act of 1990 may be referred to the Office of Human Resources; Straz Tower; P.O. Box 1881; Milwaukee, WI 53201-1881; (414) 288-7305.

Student inquiries concerning Section 504 of the Rehabilitation Act of 1973 and Title III of the Americans with Disabilities Act of 1990 may be referred to the Office of Student Educational Services; Alumni Memorial Union; P.O. Box 1881; Milwaukee, WI 53201-1881; (414) 288-1645, V/T.

Student and employee inquiries concerning the application of Titles VI, VII, IX the Age Discrimination Acts of 1967 as amended, as well as Executive Order 11246 as amended may be referred to the Affirmative Action Officer; Straz Tower; P.O. Box 1881; Milwaukee, WI 53201-1881; (414) 288-3430.

The Marquette University Board of Trustees approved the Affirmative Action Program, formalizing the university’s position toward human rights. This program reaffirms and specifies action programs to continue the pledge of promotion and equal opportunity for all qualified persons.

Written Agreements

As per Federal Financial Aid regulations, the following is a list of the entities with which Marquette University has a written agreement that enables Marquette students to broaden their educational experience.

Domestic Programs

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Sponsoring Academic Unit</th>
<th>Portion of the Program that is delivered by the Entity/Institution</th>
<th>Method of Delivery</th>
<th>Costs Students May Be Expected to Incur</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Wisconsin-Milwaukee</td>
<td>Milwaukee, WI</td>
<td>Graduate School</td>
<td>Up to 6 credits</td>
<td>In person or on-line classes depending on method of delivery that UWM uses.</td>
<td>Students pay Marquette tuition; there are no additional costs to the students.</td>
</tr>
<tr>
<td>Medical College of Wisconsin (MCW)</td>
<td>Wauwatosa, WI</td>
<td>Graduate School</td>
<td>Master’s in Healthcare Technologies Management-33%; Master’s in Bioinformatics-up to 49%; Ph.D. in Biomedical Engineering with Functional Imaging Specialization-40%; all other full-time Ph.D. students- up to 6 credits.</td>
<td>In person</td>
<td>Students pay Marquette tuition; there are no additional costs to the students.</td>
</tr>
<tr>
<td>The Blood Center of Wisconsin</td>
<td>Milwaukee, WI</td>
<td>Graduate School</td>
<td>MS in Transfusion Medicine 18 out of 38-40 credits are awarded</td>
<td>In person</td>
<td>$4,690.00 total for the entire 18 credits</td>
</tr>
<tr>
<td>General Electric (GE) Edison Systems Engineering Program</td>
<td>Waukesha, WI</td>
<td>Graduate School</td>
<td>Master’s in Electrical and Computer Engineering-30%; Master’s in Biomedical Engineering-18-20%; Master’s in Mechanical Engineering-18-20%</td>
<td>In person</td>
<td>None; this training is required as part of the students’ employment at GE.</td>
</tr>
<tr>
<td>General Electric (GE) Edison Healthcare Software Engineering Program</td>
<td>Barrington, IL and Waukesha, WI</td>
<td>Graduate School</td>
<td>Master’s in Computing-33-40%</td>
<td>In person</td>
<td>None; this training is required as part of the students’ employment at GE.</td>
</tr>
<tr>
<td>General Electric (GE) Edison Aviation Engineering Program</td>
<td>GR, MI</td>
<td>Graduate School</td>
<td>Master’s in Computing-33-40%</td>
<td>In person</td>
<td>None; this training is required as part of the students’ employment at GE.</td>
</tr>
</tbody>
</table>
Study Abroad Programs

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Sponsoring Academic Unit</th>
<th>Portion of the Program that is delivered by the Institution</th>
<th>Method of Delivery</th>
<th>Costs Students May Be Expected to Incur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monash University</td>
<td>Melbourne, Australia</td>
<td>Office of International Education</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,220 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>University of Innsbruck</td>
<td>Innsbruck, Austria</td>
<td>College of Business Administration</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,215 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Universiteit Antwerpen</td>
<td>Antwerp, Belgium</td>
<td>College of Business Administration</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,332 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Laval University</td>
<td>Quebec, Canada</td>
<td>Office of International Education</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>Varies by session. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Marquette University Chile</td>
<td>Santiago, Chile</td>
<td>Office of International Education</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$27,675 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>BIT (Beijing Institute of Technology)</td>
<td>Beijing, China</td>
<td>College of Business Administration</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$27,950 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Peking University</td>
<td>Beijing, China</td>
<td>College of Business Administration</td>
<td>Students typically earn 3-9 credits in the summer term.</td>
<td>In person</td>
<td>$6,537 Varies by credit load. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Peking University, Guanghua School of Management</td>
<td>Beijing, China</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$28,670 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>The Beijing Center for Chinese Studies</td>
<td>Beijing, China</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$24,875 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Tongji University</td>
<td>Shanghai, China</td>
<td>College of Business Administration</td>
<td>Students earn one semester's worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$29,270 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>University of Copenhagen</td>
<td>Copenhagen, Denmark</td>
<td>Office of International Education</td>
<td>For graduate students only; Students earn one semester's worth of credit, typically 6-9 credits.</td>
<td>In person</td>
<td>$28,385 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>University of Southern Denmark</td>
<td>Sonderborg, Denmark</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,515 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Institution</td>
<td>Location</td>
<td>Description</td>
<td>Credits</td>
<td>Fee</td>
<td>Additional Information</td>
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<tr>
<td>American University in Cairo</td>
<td>Cairo, Egypt</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$9,371; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>American University in Cairo</td>
<td>Cairo, Egypt</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$26,239 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Casa de la Solidarida</td>
<td>San Salvador, El Salvador</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$24,267 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>University of Birmingham</td>
<td>Birmingham, England</td>
<td>College of Business Administration</td>
<td>In person</td>
<td>$27,720 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>University of Kent</td>
<td>Caterbury, England</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$27,806; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Kings College Summer Program</td>
<td>London, England</td>
<td>Office of International Education</td>
<td>In person</td>
<td>Varies by credit load; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Europoean Summer Program at Lille Catholic University</td>
<td>Lille, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$5,776 Varies by credit load/subjects studied; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Universite Catholique de Lille</td>
<td>Lille, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$32,250 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Universite Catholique de Lyon (ESDES)</td>
<td>Lyon, France</td>
<td>College of Business Administration</td>
<td>In person</td>
<td>$7,911 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Universite Catholique de Lyon (ESDES)</td>
<td>Lyon, France</td>
<td>College of Business Administration</td>
<td>In person</td>
<td>$32,350 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Institut Catholique de Paris</td>
<td>Paris, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$31,375 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Institut Catholique Paris Summer Program</td>
<td>Paris, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$5,401 Varies by credit load/subjects studied; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<td>Pole, ESG</td>
<td>Paris, France</td>
<td>College of Business Administration</td>
<td>In person</td>
<td>$30,885 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<td>Sciences-Po</td>
<td>Paris, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$31,339 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Universite de Poitiers</td>
<td>Poitiers, France</td>
<td>Office of International Education</td>
<td>In person</td>
<td>$28,129 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>EM Strasbourg</td>
<td>Strasbourg, France</td>
<td>College of Business Administration</td>
<td>In person</td>
<td>$32,250 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>University of Embracing &quot;International&quot;</td>
<td>Italy, Rome</td>
<td>College of Business Administration</td>
<td>Students typically earn 7 credits in the summer term.</td>
<td>In person</td>
<td>$7,371 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>IIK Dusseldorf</td>
<td>Dusseldorf, Germany</td>
<td>Office of International Education</td>
<td>Students typically earn 6-9 credits in the summer term.</td>
<td>In person</td>
<td>$5,012; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Catholic University of Eichstätt/Iligoldt</td>
<td>Eichstätt, Germany</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,280 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Goethe University</td>
<td>Frankfurt, Germany</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$28,665 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Phillips University</td>
<td>Marburg, Germany</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$29,344 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Hong Kong Institute of Education</td>
<td>Tai Po, Hong Kong</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$25,194 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Management Development Institute</td>
<td>Gurgaon, India</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$28,165 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>University College Dublin</td>
<td>Dublin, Ireland</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$31,109 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>National University of Ireland</td>
<td>Galway, Ireland</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$27,318 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>National University of Ireland, Galway Summer Program</td>
<td>Galway, Ireland</td>
<td>Office of International Education</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>$7,001 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Gonzaga in Florence Summer Program</td>
<td>Florence, Italy</td>
<td>Office of International Education</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>$11,477 students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Gonzaga University</td>
<td>Florence, Italy</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,259 (Fall) or $31,509 (Spring); students pay the program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Universita Cattolica del Sacro Cuore</td>
<td>Milan, Italy</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$29,545; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>John Cabot University</td>
<td>Rome, Italy</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$30,909 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>John Cabot University Summer Program</td>
<td>Rome, Italy</td>
<td>Office of International Education</td>
<td>Students typically earn 3-12 credits in the summer term.</td>
<td>In person</td>
<td>Varies by credit load; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>John Felice Rome Center</td>
<td>Rome, Italy</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$29,629 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Loyola Rome Center</td>
<td>Rome, Italy</td>
<td>Office of International Education</td>
<td>Students typically earn 3-12 credits in the summer term.</td>
<td>In person</td>
<td>Varies by credit load; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Sophia University</td>
<td>Tokyo, Japan</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$31,759 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<td>Institution</td>
<td>Location</td>
<td>Office</td>
<td>Credits</td>
<td>Method</td>
<td>Fee</td>
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<tr>
<td>Sophia University Summer Program</td>
<td>Tokyo, Japan</td>
<td>Office of International Education</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>$5,301</td>
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<tr>
<td>Universidad Iberoamericana</td>
<td>Mexico City, Mexico</td>
<td>College of Business Administration</td>
<td>Students typically earn 3-6 credits in the summer term.</td>
<td>In person</td>
<td>Varies by credit load; students pay the program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>Tecnologico de Monterrey</td>
<td>Various cities, Mexico</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>Varies by location. $24,703 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>AMIDEAST Rabat</td>
<td>Rabat, Morocco</td>
<td>Office of International Education</td>
<td>Students typically earn 3-6 credits in the summer term.</td>
<td>In person</td>
<td>$6,979 (3 credits) or $11,279 (6 credits); students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>South Africa Service Learning Program</td>
<td>Bellville, Republic of South Africa</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$26,539</td>
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<td>Sogang University</td>
<td>Seoul, South Korea</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$25,839</td>
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<td>Sogang University Summer Program</td>
<td>Seoul, South Korea</td>
<td>Office of International Education</td>
<td>Students typically earn 6-9 credits in the summer term.</td>
<td>In person</td>
<td>Varies by credit load. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>IQS-Universitat Ramon Llull</td>
<td>Barcelona, Spain</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,305</td>
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<td>ETEA</td>
<td>Cordoba, Spain</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,405</td>
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<td>ICADE Summer Program</td>
<td>Madrid, Spain</td>
<td>College of Business Administration</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>$6,551</td>
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<td>Marquette en Madrid</td>
<td>Madrid, Spain</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$21,733 (home stay) or $19,233 (apartment)</td>
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<td>Universidad Pontifica Comillas, ICADE</td>
<td>Madrid, Spain</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,355</td>
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<td>Universidad de Duesto San Sebastian, Spain</td>
<td>College of Business Administration</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>$32,355</td>
<td>Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>Center for Education Abroad at Arcadia University</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>Varied by program; students pay the program directly. Additional information is found here: <a href="http://arcadia.edu/abroad/">http://arcadia.edu/abroad/</a></td>
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<tr>
<td>Center for Education Abroad at Arcadia University</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students typically earn 3-9 credits in the summer term.</td>
<td>In person</td>
<td>Varies by program; students pay program directly. Additional information is found here: <a href="http://www.arcadia.edu/abroad">www.arcadia.edu/abroad</a> (<a href="http://www.arcadia.edu/abroad/">http://www.arcadia.edu/abroad/</a>)</td>
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<tr>
<td>ISU Hessen</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students typically earn 6 credits in the summer term.</td>
<td>In person</td>
<td>Varies by location; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>NARETI Biomedical Engineering Exchange</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>Varies by location. $28,717 Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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<tr>
<td>School for International Training (SIT)</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students earn one semester’s worth of credit, typically 12-18 credits.</td>
<td>In person</td>
<td>Varies by program; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
</tr>
<tr>
<td>School for International Training (SIT)</td>
<td>Various locations</td>
<td>Office of International Education</td>
<td>Students typically earn 3-9 credits in the summer term.</td>
<td>In person</td>
<td>Varies by program; students pay program directly. Additional information is found here: <a href="http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll">http://studyabroad.marquette.edu/index.cfm?FuseAction=Programs.ListAll</a></td>
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</table>
Health Sciences Professional

Health Sciences Professional is the Professional Programs division of the College of Health Sciences

From the Dean

College of Health Sciences website (http://www.marquette.edu/chs/index.shtml)

Welcome!

The College of Health Sciences features nationally recognized and ranked professional and graduate programs in Physical Therapy, Physician Assistant Studies, Speech and Language Pathology, Clinical and Translational Rehabilitation Health Science, and Neuroscience. From state-of-the-art research laboratory and teaching facilities to many health profession and service organizations, our students find abundant opportunity to interact with faculty scholars who are passionate about teaching, research and service.

Our mission to provide distinctive and rigorous educational programs is complemented by our location in the heart of the city of Milwaukee, where opportunities to take advantage of first rate health and medical settings abound. Moreover, you can expect excellence from our faculty, and will be in elite company among our academically talented students. Whether through outstanding professional programs of study or in exceptional graduate education, our dedicated faculty and committed students have created a truly vibrant academic environment that’s waiting for you.

Sincerely,

William E. Cullinan, Ph.D.
Dean, College of Health Sciences

College Mission Statement

The College of Health Sciences has the mission of preparing students for careers in the health sciences and as health care providers. It is dedicated to improving health care by educating excellent, ethical health care professionals through a program of teaching, research and service. Students are instilled with the Jesuit ideals of concern for the spiritual, emotional and physical development of the individual as well as a lifelong commitment to leadership in the advancement of their personal skills and profession.
Physical Therapy

Vision

As Ignatian educators, our vision is to build upon a Jesuit education for our students, which is transformational. Above and beyond excellence in the clinical practice skills of exercise physiology, athletic training and physical therapy, we also desire that our students carry out their life’s work for the greater glory of God as men and women in service to others. With this zeal for excellence enacted in clinical practice and service, we expect that Marquette University will be included in public discourse as among the best in preparing graduates in exercise physiology, athletic training and physical therapy in America.

Mission

The faculty of the Department of Physical Therapy embrace the missions of the university and the College of Health Sciences to graduate entry-level professionals who recognize the need for ongoing reflective assessment to always elevate their work and service to a greater degree of excellence.

The department strives to educate students who will develop into professionals who are knowledgeable of current practices and trends, motivated to serve others, skillful and self-directed in applying their knowledge, flexible in their relationships and lifelong learners who continually strive to advance their knowledge and skills and to understand the social, political and economic forces that impact society. The department expects our graduates to support social justice by being role models in the service of disadvantaged segments of the population.

Furthermore, in an effort to meet the current health care needs in under-served areas, the department is committed to supporting programs of outreach that will enhance the enrollment and training of disadvantaged students and service to disadvantaged populations.

Philosophy

The Department of Physical Therapy is committed to providing a generalist education to qualified students who have completed a rigorous blend of humanities, social science and basic science course work. The goal of the department is to continue to develop the Jesuit ideals of cura personalis (care for the total person) as men and women for others, and to integrate these ideals into the delivery of health care.

Marquette University’s urban location facilitates cultural sensitivity and the opportunity for the department to respond to the diverse needs of the surrounding community. Given this, the department supports admission policies and procedures that are equitable and enrich diversity in the composition of the department’s student body.

For the Doctorate in Physical Therapy (D.P.T.), the department is committed to the concept of freshman admission, which reduces the need for competition between physical therapist students and aims to foster long-term comradeship among students and between students and educators. Such a noncompetitive environment is also believed to encourage students to pursue a well-rounded, socially conscious background of experiences. The department believes that these experiences, coupled with exposure to the common beliefs and values in the Jesuit educational tradition, magnify the educational process and reinforce the concept of cura personalis.

Whether it is in the undergraduate curricula for exercise physiology, athletic training, or the D.P.T. curriculum, the teaching-learning process is recognized as a dynamic interaction of shared responsibility among the academic faculty, clinical faculty and students. The Department of Physical Therapy supports the educational view that students learn in a multitude of ways, necessitating a variety of learning experiences. These experiences are important for the development of a life-long autonomous learner who is self-motivated, self-directed and able to construct knowledge, not just absorb it. The departmental faculty are resources and role models in the development of these traits. Each faculty member accepts this responsibility by maintaining personal clinical competence, providing quality instruction, contributing to the general body of knowledge, showing professionalism, respecting the dignity of others and being advocates for patient and professional causes.

Expected Global Student Outcomes

Graduates of the Physical Therapy program will be able to:

1. Demonstrate the skills necessary to practice autonomously within a direct access environment in essential practice areas as defined by the Guide for Physical Therapist Practice.

2. Screen individuals through testing and differential diagnosis, to determine a physical diagnosis which is within the scope of physical therapy, and/or to determine the need for referral to other health professionals.

3. Apply evidence based decision making in planning patient care.

Students admitted to the Physical Therapy program are enrolled in a curriculum that culminates in a doctor of physical therapy degree. This is a six-year curriculum for a student admitted at the freshmen level. The student first will earn a baccalaureate degree of his or her choice and then be awarded the Doctor of Physical Therapy (D.P.T.) degree at the end of the professional course work. Students admitted with a bachelor’s degree will earn the Doctor of Physical Therapy degree after completing the three-year professional program.
**Undergraduate Admission Requirements**

Students may be admitted to the program as freshmen with a guaranteed admission to the professional phase beginning fall of 2016 if the student successfully meets all requirements for advancement. Guaranteed admission cannot be extended if requirements are not successfully completed in the pre-professional phase.

High school applicants to the Department of Physical Therapy are expected to fulfill the general admissions requirements listed in the university section of this bulletin. In addition, the following specific items should be noted for admission to the Department of Physical Therapy:

1. One year of high school chemistry and biology is required. Applicants should include trigonometry among the three required units in mathematics because trigonometry is a prerequisite for General Physics 1 and 2 at Marquette.
2. Freshman class enrollment is limited. College entrance exam results, transcripts and the application must be received at Marquette by Dec. 1 of the preceding academic year for which the student is applying.
3. The sequence of courses in the professional phase begins in August of each academic year.
4. Advanced Placement (AP) and/or International Baccalaureate (IB) credits may be applied toward D.P.T. pre-requisite courses with the exception of CHEM 1002 and PHYS 1002. These two pre-requisite courses must be completed at an accredited 4-year institution. **Note:** AP and IB credits awarded by MU are credit-bearing only and are not included in grade point average (GPA) calculations.

Marquette students who were not admitted as freshmen may apply to transfer into the program. Further details of entrance requirements are available from Marquette's Office of Undergraduate Admissions.

**Physical Therapy Observation Hours Policy**

Currently enrolled Marquette students, who have a health care major with a clinical component in their undergraduate course work, may complete up to 40 hours of the required minimum 80 hours of PT observation as part of their clinical component in their undergraduate major. Clinical hours completed in the undergraduate major must be documented by their undergraduate academic adviser. The remainder of the 80 hours must be completed under the supervision of a physical therapist and documented on one or more of the Marquette clinical hour’s assessment and verification forms prior to June 1 preceding fall enrollment in the professional phase.

A minimum of 10 spaces have historically been offered to Marquette pre-physical therapy students (PREP) wishing to transfer into Year Four. To apply for this window of admission, students need to complete at least 12 of the physical therapy prerequisite credits at Marquette University and meet or exceed all requirements for the undergraduate phase. External transfer students with degrees from other institutions are encouraged to apply for entry into the professional phase and are enrolled as space allows.

D.P.T. prerequisites courses must be completed at an accredited four-year institution and cannot be completed through online courses. D.P.T. prerequisites required before admission to the professional phase:

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<th>Credit Hours</th>
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<tr>
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<td>8</td>
</tr>
<tr>
<td>Introduction to Physical Therapy*</td>
<td>1</td>
</tr>
<tr>
<td>General Physics 1 and 2</td>
<td>8</td>
</tr>
<tr>
<td>Statistics</td>
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Advanced Placement (AP) and/or International Baccalaureate (IB) credits may be applied toward D.P.T. pre-requisite courses with the exception of CHEM 1002 and PHYS 1002. These two pre-requisite courses must be completed at an accredited 4-year institution. **Note:** AP and IB credits awarded by MU are credit-bearing only and are not included in grade point average (GPA) calculations.

* Waived for accepted transfer students but will need to document proficiency in medical terminology in lieu of Intro to PT Class. Completion of a programmed text and written departmental test in medical terminology would meet this requirement.
** External transfer students will need 12 credits of social sciences and/or humanities in addition to the DPT prerequisites. Three credits of cognitive and motor learning are strongly recommended, but not required.

**Essential Functions**

Students are made aware as freshmen and prior to entering the professional phase that all students must be able to carry out the basic duties of a generalist physical therapist with or without reasonable accommodation(s). A generalist P.T. is one who is capable of treating patients across the lifespan. Specifics of the essential functions are included in the Physical Therapy Student Handbook.
Absences

Students who are ill or anticipate absence for a family emergency must contact the physical therapy office immediately. All students must consult with the instructor of the course(s) missed for makeup if necessary. Absences of two or more weeks during the fourth, fifth or sixth years of the program may be considered as grounds for repeating the entire term.

Anticipated absences from full-time clinic must be approved in advance by one of the directors of clinical education at Marquette University and the center coordinator of clinical education at the clinical site. Unapproved absences are not acceptable and may lead to dismissal from the clinical site. Emergency absences, illness, etc., are circumstances usually considered to be acceptable absences if they are substantiated by the coordinators.

Academic Regulations - Undergraduate Phase

Students admitted to the D.P.T. Program as freshmen must meet all requirements for advancement. These include:

1. A 2.400 or greater cumulative grade point average in the specified D.P.T. prerequisite course work consisting of BIOL 1001, CHEM 1001, CHEM 1002, PHYS 1001, PHYS 1002, PHTH 1001 and a statistics course (23 credits).
2. A grade of CD of better in all D.P.T. prerequisite courses.
3. All D.P.T. prerequisites must be completed at a four-year institution, course work will not be accepted from a two-year school, community college, junior college, or technical college. Online courses will not be accepted for D.P.T. prerequisites.
4. Proof of completion of 80 volunteer and/or work related hours supervised by a physical therapist by June 1 after completion of the D.P.T. 3 academic year.
5. A demonstrated plan for completion of a bachelor’s degree at the end of the spring term of the DPT5 year in the professional phase (years 4, 5 and 6) of the program. Except for ATTR and EXPH students, students who do not complete their undergraduate degree in the traditional 4 years must submit a written plan to the PT department chairperson to complete their undergraduate degree within the required time frame.

Students failing to satisfy all requirements or students who are required to withdraw for academic reasons will not be admitted to the professional phase of the program. Following acceptance into the professional phase of the program, students follow the curriculum as outlined for the three-year professional phase unless prior approval is received from the department chairperson.

CR/NC Grade Option

University guidelines allow junior and senior students to elect one course per term (to a maximum of four courses) for which only a CR or NC grade is assigned, given certain requirements are met. Refer to the CR/NC option entry in the university section of this bulletin for the specific requirements. However, this CR/NC option is not available for any course that is part of the 23 prerequisite core credits nor any course normally required in the professional phase of the program.

Course Sequence

Professional phase courses taken early while a student is in the pre-professional phase are subject to the academic standards held in the professional phase of the program including a minimum 2.200 GPA for all professional phase courses completed in a given semester. Moreover, all professional phase courses taken early must be completed with a C or better. Taking courses early and out of sequence is discouraged. No online prerequisite courses are accepted. Students who fail to meet these requirements may be placed on academic probation and required to retake professional phase courses.

Academic Regulations - Professional Phase

A student must complete the academic requirements of the D.P.T. program within four years of admission to the professional phase of the program in the fall semester of the D.P.T. 4 year, unless there are non-academic extenuating circumstances. Failure to complete the PT program requirements within the 4-year time limit may result in dismissal from the program. During the professional phase of the program a student will be considered in good academic standing if he/she complies with the academic standards printed in the Physical Therapy Student Handbook. Failure to meet the academic requirements will result in probation or dismissal from the program.

Overview

There are certain categories of student performance problems that can lead to some form of censure. These problems may be identified at any point during the academic year, though a systematic review of all students’ course grades is also conducted at the end of each academic term. The review of other, non-course grade problems is typically conducted on an individual basis as issues arise. A finding of significant problems in any of these areas can result in probation, suspension, dismissal, or expulsion, depending on the nature and severity of the problems identified. All of these statuses are maintained permanently on the student’s academic record; only dismissal and expulsion, however, appear permanently on Marquette University’s official transcript. If a student is reinstated following a dismissal, that notation will also permanently appear on the student’s official transcript. The statuses that will appear permanently on a student’s official transcript include those listed (in bold type) below:

Required to Withdraw for Academic Reasons (RWAR) – dismissal for deficient academic performance as described below.

Reinstated on Probation - following successful appeal of academic dismissal.
Required to Withdraw for Professional Integrity Reasons (RWPI) – dismissal for violation of Professional Integrity standards as described below.

Required to Withdraw for Academic Misconduct (RWAM) – dismissal for violation of the academic honesty policy as outlined in the Academic Regulation section of this bulletin.

Required to Withdraw for Non-Academic Reasons (RWNR) – dismissal for student conduct issues as outlined in the Student Handbook.

Academic Censure (Dismissal/Probation/Academic Alert)

1. Academic Dismissal – Required to Withdraw for Academic Reasons (RWAR):

Health Science Professional Students (HESP) in the Doctor of Physical Therapy program must maintain a cumulative G.P.A. of 2.200 by the end of the second semester in the program, and each semester thereafter. In addition, students will be RWAR’ed for any course attempted with a final grade below a CD (D or F) or an unsatisfactory grade (U) in a clinical experience. The Office of the Registrar (OTR) and the Office of Student Financial Aid (OSFA) will monitor the program academic requirements at the end of each term (fall, spring and summer). A student who does not meet these academic requirements will be academically dismissed by the college (coded as RWAR by OTR) and his/her record coded as failure to maintain SAP (by OSFA).

The college office will communicate the RWAR and the OSFA will communicate SAP via Marquette email. As per university email policy, it is the student’s responsibility to monitor his/her email at all times. A RWAR/SAP student will be dropped from any classes in which he/she is subsequently registered.

An Undergraduate student in the Physical Therapy program must meet the requirements listed above to continue in the Doctor of Physical Therapy program. A student that is not allowed to continue in the Physical Therapy program, but remains in good standing at the university as an undergraduate student, will be allowed to continue with their undergraduate degree course of study.

In addition, there are other SAP conditions for which the student is responsible and will be applied to all students in the program, both professional and undergraduate. The complete SAP policy (http://www.marquette.edu/mucentral/financialaid/resources_elig_standards.shtml) can be found on the OSFA website.

RWAR/SAP Appeal Process

A RWAR/SAP student must appeal both RWAR/SAP by sending one form, which addresses both RWAR and SAP issues. The RWAR/SAP appeal form (http://www.marquette.edu/mucentral/registrar/documents/Form-UndergraduateAppealAcademicDismissalSatisfactoryAcademicProgress.pdf) is posted on the Marquette Central website and includes all of the required information the student must submit in order to have his/her appeal reviewed.

- The form is submitted to the College of Health Science main office for initial review for completeness of forms. Completed appeal forms are then forwarded to the chair of the Department of Physical Therapy. The department chair, in consultation with the Academic Standards Committee, has the final decision on all RWAR/SAP appeals. The Academic Standards Committee may require a hearing with the student. See appeal hearing procedures in the PT Student Handbook.

- If the appeal is approved, the student will be ‘Reinstated on Probation’ and the Academic Standards Committee will establish an academic probation plan for the student to regain his/her satisfactory academic and degree progress standing, and the student’s eligibility for financial aid will be restored.

- The plan must be measurable and ensure that the student is able to meet Marquette’s SAP standards by a specific point in time. Plans should include courses to be taken, expected grades and a timeframe to complete the outlined objectives.

- The plan will be monitored by the department (Academic Standards Committee).

- Should the student not fulfill all of his/her academic obligations as outline in the academic probation plan, the student’s performance will be evaluated by the committee and a determination will be made as to whether the College Academic Alert (see below) process will be instituted; however, the student will again be coded with SAP for that term.

2. Physical Therapy Probation and College Academic Alert (CAA)

Physical Therapy Program Probation

The following standards of probation will be allowed only if the student’s cumulative GPA is at or above 2.200 and no grades of D, F or U are earned in the given semester. If the cumulative GPA is below a 2.200 or a single grade of D, F or U, the student will be subject to RWAR, as outlined above.

a. Automatic probation based on GPA – A student in the Physical Therapy program is allowed one instance of automatic probation for a single semester grade point average (GPA) between 2.000 and 2.199 if all required courses are completed with a grade of CD or better. To return to good academic standing, the average GPA of the semester resulting in automatic probation and the next semester must be equal to or greater than 2.200.

b. Probation established by the Progress and Promotion Committee - A probation hearing will be required for a student with a single semester GPA below 2.0. Refer to the probation hearing procedures in the PT Student Handbook.

Failure to meet the requirements of probation may lead to College Academic Alert (see below).

Physical Therapy Program College Academic Alert (CAA)
Academic performance is monitored carefully by the Academic Standards Committee of the Department of Physical Therapy program, and students either not maintaining steady progress or not demonstrating adequate achievement will be barred from future registration in the program by College Academic Alert (CAA) action.

Conditions of probation may be prescribed in writing at the time of the student’s admission or readmission. Conditions may also be prescribed in writing in the case of a student whose course performance or failure to follow academic advice warrants such action at any time during the program. All students where conditions of probation have been established will be subject to committee review and possible CAA action should they fail to fulfill the specific terms. It is possible that a student be barred from registration for academic reasons even though the student’s cumulative GPA exceeds 2.200. Students concerned about their academic progress should consult the department office.

A student placed on College Academic Alert cannot register for subsequent courses in the Physical Therapy program and will be removed from any such classes for future terms in which he/she is registered. Students will be notified by letter or email of the committee’s decision and of the appeal process. Undergraduate students that are not allowed to continue in the Physical Therapy program, but remain in good standing at the University, will be allowed to continue in their undergraduate degree course of study.

3. Academic Dismissal – Professional Integrity

Students may be dismissed from the Physical Therapy program for failure to maintain professional integrity standards, which may include, but are not limited to:

A. Failure to comply with the American Physical Therapy Association (APTA) Code of Ethics or the APTA Guide of Professional Conduct. ([www.apta.org](http://www.apta.org))

B. Failure to comply with learning objectives set forth in a professional behavior learning contract between the student and the program.

C. Failure to complete their undergraduate degree by the end of the spring semester of year 5.

D. Clinical misconduct, including, but not limited to:
   a. Conduct that constitutes harassment, threats or abuse of, or discrimination against peers, faculty, patients, or others.
   b. Provision of physical therapy services, including laboratory experiences in courses, while under the influence of an illegal substance and/or alcohol.
   d. Failure, during a clinical experience, to comply with the policies and procedures of the clinical facility.
   e. Failure to comply with the Physical Therapy Act for the state in which an internship experience is located.
   f. Failure to comply with the American Physical Therapy Association (APTA) Code of Ethics or the APTA Guide of Professional Conduct. ([www.apta.org](http://www.apta.org))

Violations of the professional integrity requirements will result in a hearing with the Academic Standards Committee. Findings of misconduct to self, faculty, the University clinical placements and/or patient may result in failure in the assignment, failure in the course or dismissal from the program. For instances of dismissal from the program, a notation of “Required to Withdraw for Program Integrity Reasons” will be placed on the student’s permanent academic record and transcript.

4. Academic Dismissal - Academic Misconduct:

Dismissal for academic misconduct (RWAM) is determined per the Academic Honesty policy found in the Academic Regulation section of this bulletin. Once this determination has been made, the student will be dismissed from the university. This action results in ineligibility to register at Marquette. Reinstatement criteria for the student who is dismissed, if applicable, will be outlined in the dismissal notice. If the student is allowed to return to the university, a permanent notation of ‘Reinstated to the University’ will appear on the student’s permanent academic record and transcript.

Accreditation

The Commission on Accreditation in Physical Therapy Education (CAPTE) has granted accreditation to the current Doctor of Physical Therapy program. Initial accreditation of the D.P.T. program was granted in April of 2002. Current Accreditation Status: Accreditation. Five-year history: Accreditation. Students are free to contact CAPTE with questions or concerns by mail or phone at: CAPTE American Physical Therapy Association; 111 N. Fairfax St.; Alexandria, VA 22314; (703) 684-2782.

Certification in Basic Life Support

Certification in basic life support that includes child, infant and both one- and two-person adult CPR along with AED (automatic external defibrillator) training is required of all students prior to beginning the fourth year of the D.P.T. program. Continued certification is required to be maintained by the
student throughout the D.P.T. curriculum. Failure to maintain current certification may jeopardize enrollment in subsequent PHTH courses and/or clinical assignments. Students should contact their local Heart Association or Red Cross offices.

**Emergency Care and Safety**

All clinical sites will provide the students with safety information including emergency procedures. There may be potential health risks at a clinical site. Students are required to complete yearly OSHA training. Students are not employees of the facility and are not covered by workman’s compensation. Students provide proof of health insurance, but should also be aware that they are responsible for the cost of any emergency care, unless the injury or illness was due to negligence on the part of the facility. In non-emergency situations, students should expect to be responsible for their own medical care while off campus.

All D.P.T. students are required to attend and provide documentation of completion of yearly OSHA training sessions, which assure that they have received training on OSHA guidelines for blood borne pathogens and universal precautions.

**Patient Right to Refuse**

Clinical Contracts state that patients have the risk-free-right to refuse to participate in clinical education and patients/clients provide informed consent to being involved in the clinical education experience.

**Examinations**

A student who misses a final examination risks the loss of credit and the possibility of not being able to enroll in subsequent PHTH courses. All such cases will be judged by the department chairperson.

**Liability Insurance**

Even though the university has liability insurance on students while they are in clinical practice situations, some facilities require the student to have an additional liability policy. This type of insurance can be obtained through the insurance company used by the American Physical Therapy Association by student members of the association.

**Policy for Students Requesting Accommodations**

It is the responsibility of a student to request reasonable accommodations in the classroom or laboratory. Students are encouraged to discuss their needs with their instructors. It is expected that students will be proactive in addressing learning needs rather than reactive. Disability Services, which is part of the Office of Student Educational Services is a valuable resource to both students and faculty.

**Tuition/Financial Aid for Professional Phase**

Students who enter physical therapy as freshmen are considered in the pre-professional phase for Years 1-3, and the D.P.T. professional phase for Years 4-6. Full-time students will be charged normal undergraduate rates of tuition for Years 1-3. Students are charged the higher professional phase tuition rate in years 4-6. There is no additional tuition payment for summer work. Even though undergraduate students in Year 4 are considered in the professional phase of the program, they may still apply for normal financial aid available to Marquette undergraduate students. When physical therapy students complete their undergraduate degree, they can no longer be considered for undergraduate sources of financial aid.

**Withdrawal from the Physical Therapy Program**

Withdrawal from the program is achieved through a written request submitted to the chairperson of the Department of Physical Therapy. Any student considering withdrawing from the physical therapy program is encouraged to meet with the chairperson of the Department of Physical Therapy or his/her adviser prior to making a final decision.

**Physical Therapy**

**Curricula Information**

**Typical Professional Program — Physical Therapy Degree: D.P.T. †**

<table>
<thead>
<tr>
<th>DPT 4</th>
<th>First Term</th>
<th>Hours</th>
<th>Second Term</th>
<th>Hours</th>
<th>Summer Term</th>
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PHTH 7513 3  PHTH 7528 2  PHTH 7522 2
Medical Ethics ** 1  PHTH 7530 2

19 17 13

DPT 5

First Term  Hours  Second Term  Hours  Summer Term  Hours
PHTH 7518  3  PHTH 7533  4  PHTH 7986 (section 1002)  10
PHTH 7523  1  PHTH 7558  4
PHTH 7505  2  PHTH 7570  4
PHTH 7532  4  PHTH 7577  2
PHTH 7526  3  PHTH 7555  2
PHTH 7986 (Section 1001)  4  PHTH 7667  2
17 18 10

DPT 6

First Term  Hours  Second Term  Hours
PHTH 7668  4  PHTH 7986 (section 1003)  8
PHTH 7675  4  PHTH 7986 (section 1004)  8
PHTH 7682  3
PHTH 7684  2
PHTH 7674  3
PHTH 7932  0-2
16-18 16

Total credit hours: 126-128

† Students admitted without a completed bachelor’s degree must receive their bachelor’s degree by the end of the spring term of the DPT5 year in the professional phase (years 4, 5, and 6) of the program.

* BIOL 3701 Human Physiology is required for physiological science majors. BISC 4145 Human Physiology may be taken in the spring of the DPT-third year by physical therapy students in other majors in lieu of BIOL 3701 Human Physiology.

** Students completing an undergraduate major in the College of Health Sciences must take PHIL 4336 Applied Ethics for the Health Sciences during or before the 4th year in order to meet the college requirement of 7 credits of PHIL. Students in other colleges who have met the medical ethics requirement prior to year 4 by taking PHIL 4336 Applied Ethics for the Health Sciences or THEO 4450 Medical Ethics may not need medical ethics in year 4.

*** BISC majors take BISC 4160 Molecular Pathology during the 4th year and BISC 3150 General Pathology during the junior year.

Courses

PHTH 1001. Introduction to Physical Therapy. 1 cr. hr.
Lecture course with two components. The first will focus on medical terminology pertinent to the health care professions. The second will provide career exposure to physical therapy and include current topics of interest in the field. Prereq: Direct-Admit PT students; or EXPH major; or ATTR major; or cons. of instr.

PHTH 4512. Culture and Disability. 3 cr. hrs.
The culture of disability, as a product of intrinsic factors of the person (spiritual beliefs and cultural practices) and those extrinsic factors in society (prejudice, stigma and discrimination) and the environment (architectural barriers) will be examined. The human dignity and civil rights of persons with disability, especially for the ever-expanding population of persons aged 65 and older, will be emphasized. Students will reflect on their own values, beliefs, and guiding life principles (Vocational Discernment) which shape their interactions and behaviors as professional health-care providers. The role of positive emotions, having choices, hope, and spiritual resolve as a foundation for the developing field of rehabilitation medicine called "Cardio-Psycho-Neuro-Immuno-ology" will be a focus in this course. Prereq: Cons. of instr.
PHTH 7503. Patient Management 1. 3 cr. hrs.
Lecture/laboratory course simulating patient interactions and discussing learning units that enforce application of course work to clinical practice. Prereq: PHTH major.

PHTH 7504. Patient Management 2. 2 cr. hrs.
Lecture/laboratory course simulating patient interactions and discussing learning units that enforce application of course work to clinical practice. Prereq: PHTH major.

PHTH 7505. Patient Management 3. 2 cr. hrs.
Lecture/laboratory course simulating patient interactions and discussing learning units that enforce application of course work to clinical practice. Prereq: PHTH major; and concurrent enrollment in PHTH 7986.

PHTH 7512. Culture and Disability. 3 cr. hrs.
The culture of disability, as a product of intrinsic factors of the person (spiritual beliefs and cultural practices) and those extrinsic factors in society (prejudice, stigma and discrimination) and the environment (architectural barriers) will be examined. The human dignity and civil rights of persons with disability, especially for the ever-expanding population of persons aged 65 and older, will be emphasized. Students will reflect on their own values, beliefs, and guiding life principles (Vocational Discernment) which shape their interactions and behaviors as professional health-care providers. The role of positive emotions, having choices, hope, and spiritual resolve as a foundation for the developing field of rehabilitation medicine called “Cardio-Psycho-Neuro-Immunology” will be a focus in this course. Prereq: PHTH major; or cons. of instr.

PHTH 7513. Health Care Policy/Management. 3 cr. hrs.
Contemporary Issues and Management Principles in physical therapy practice. Discussions of recent historical and current external environmental factors affecting the delivery of health care services are interwoven with discussions of business, management, and supervisor/leadership principles applicable to the health care service industry. Particular attention is focused on the delivery of physical therapy services under changing environmental conditions. 7000 level course contains enhanced content. Open to practicing Physical Therapists. Prereq: PHTH major; or cons. of instr.

PHTH 7515. Pathophysiology and Aging. 4 cr. hrs.
Course details background information on the aging process. Age-related and pathological changes which occur in the major physiological systems over time are compared and contrasted. Modes of providing service to aged clients is explored. Prereq: Physiology; and current enrollment in BISC 3150.

PHTH 7518. Physiology of Activity. 3 cr. hrs.
This lecture/laboratory course will concentrate on the assessment of activity tolerance in, and basic principles of, exercise prescriptions for normal healthy individuals through the life span who are either trained or untrained. A functional approach will be emphasized and factors that enhance or impede performance will be examined. Various training strategies will be introduced. Prereq: PHTH major and PHTH 7515; or enrolled in Health Sciences - Professional and PHTH 7515; and current certification in CPR for the health care provider.

PHTH 7522. Introduction to Evidence Based Decision Making in Clinical Practice. 2 cr. hrs.
Teaches physical therapy students how to provide the best possible care for patients according to an evidence based practice model, which integrates clinical experience, external evidence, and patient expectations. Students will learn how to formulate answerable clinical questions, use online databases to access research evidence, critically evaluate clinical and scientific literature related to patient care, integrate and apply the best evidence for practice, and use these skills to become life long learners. Instruction methods include lectures, in class discussions, hands on activities, and student presentations. Prereq: Major in Physical Therapy.

PHTH 7523. Applied Evidence Based Decision Making. 1 cr. hr.
Evidence-based practice applied to clinical content areas, including orthopedics. Web based assignments. Students will complete individual projects and present their work. Prereq: PHTH major and PHTH 7522; and concurrent enrollment in PHTH 7532.

PHTH 7525. Kinesiology 1: The Upper Extremity. 3 cr. hrs.
Anatomy of the muscular and joint systems in normal and abnormal conditions in the upper extremities. Course includes surface anatomy, the biomechanics of normal and abnormal muscle and joint action. Lecture, demonstration and laboratory practice. Prereq: PHTH major.

PHTH 7526. Kinesiology 2: The Spine and Lower Extremity. 3 cr. hrs.
Continuation of PHTH 7525 with emphasis on head, trunk and lower extremities, including an introduction to normal gait, posture, and surface anatomy. Lecture, demonstration and laboratory practice. Prereq: PHTH 7525.

Lecture and clinical laboratory course. The students will learn the general concepts and specific techniques of Physical Therapy evaluation including tests and measures including range of motion, flexibility and strength using diverse instrumentation. Prereq: PHTH major and BISC 4130 or BISC 2135 and BISC2136.

PHTH 7530. Pain Mechanisms and Treatment. 2 cr. hrs.
Lecture and clinical laboratory course (based on research evidence and/or best practice) that presents the principles and methods that lead to clinical outcomes related to pain conditions including the theoretical models for understanding the basis for pain. Content will include pain mechanisms, assessment and physical therapy management. Prereq: PHTH Major.

PHTH 7532. Orthopedics 1. 4 cr. hrs.
Lecture, demonstration and laboratory experiences. The elements of patient/client management (examination; evaluation; diagnosis; prognosis; and intervention) are applied to musculoskeletal conditions. Prereq: PHTH major and PHTH 7525; and concurrent enrollment in PHTH 7526.
PHTH 7532. Orthopedics 2. 4 cr. hrs.
Continuation of PHTH 7532 with an emphasis on the evaluation and treatment of specific musculoskeletal injuries/dysfunctions. Includes surgical, non-surgical, traumatic, chronic and sports-related conditions. Prereq: PHTH 7532 and PHTH 7526.

PHTH 7533. Diagnostic Imaging Testing. 3 cr. hrs.
Study of diagnostic imaging techniques as they relate to physical therapy practice areas. Includes study of common medical tests.

PHTH 7549. Differential Diagnosis of Disease. 2 cr. hrs.
Lecture course focusing on a broad range of medical diseases and their various clinical presentations. The focus is on the use of clinical decision making skills when analyzing a patient’s medical history intake and the review of systems. The course addresses screening, to include referral for conditions or diseases that are not within a physical therapist’s scope of practice. Prereq: PHTH major.

PHTH 7555. Life Span Development. 2 cr. hrs.
Lecture/discussion/lab. Normal growth and motor development from prenatal development to motor adaptation and functional changes in adult years. Special focus on motor behaviors across the life span and implications for the physical therapist, as well as potential influence of motor development in the presence of injury, disease, and disability. Opportunity for interaction with infants, toddlers, children, teens and adults. Prereq: PHTH major and BISC 4130.

PHTH 7558. Neuroanatomy. 4 cr. hrs.
Structure and function of the central nervous system (CNS). Lecture, clinical correlations, clinical problem solving to predict signs and symptoms in patients with PNS and CNS lesions. Prereq: PHTH major or PHAS major.

Lecture and clinical laboratory course (based on research evidence and/or best practice) that presents the physical and physiological basis and the principles and methods that lead to: 1. clinical outcomes following the therapeutic application of thermotherapy, cryotherapy, actinotherapy and mechanotherapy in the treatment of disorders involving the musculoskeletal, neuromuscular, cardiovascular and integumentary systems and 2. for electrotherapeutic interventions for clinical treatment of individuals with musculoskeletal dysfunction, motor control deficits, acute and chronic pain, and other selected conditions. Electrophysiological testing will include electromyography and nerve conduction velocity evaluation. Prereq: PHTH major.

PHTH 7570. Advanced Biomechanics and Kinesiology. 4 cr. hrs.
Advanced analysis of human movement including gait, orthotics and prosthetics. Rehabilitation focuses on physical therapy interventions for patient/clients with chronic diseases and other conditions necessitating long-term therapeutic intervention. Prereq: PHTH major.

PHTH 7577. Wound/Integumentary Physical Therapy. 2 cr. hrs.
Lecture and clinical laboratory course (based on research evidence and/or best practice) that presents the physical and physiological basis and the principles and methods that lead to clinical outcomes related to the integumentary system. Content will include pathophysiology, diagnosis and management of chronic wounds, management of thermal injuries and edema. The course will also include infection control and aseptic technique. Prereq: PHTH major.

PHTH 7676. Neurological Rehabilitation 1. 2 cr. hrs.
Lecture and discussion-based course covering the pathology, etiology, and epidemiology of common neurological diseases. Clinical presentation, differential diagnosis, evaluation, and medical/surgical interventions for the diseases are the focus of the first of a 2 part course series. Prereq: PHTH major and successful completion or concurrent enrollment in PHTH 7558.

PHTH 7668. Neurological Rehabilitation 2. 4 cr. hrs.
Continuation of Neurological Rehabilitation 1. Lectures and labs focus on physical therapy interventions for specific impairments, disease-specific conditions, and overall function. Evidence-based practice guidelines are utilized when available, objective tests and measures are emphasized, and case studies are utilized to integrate and apply information. Prereq: PHTH major, successful completion of PHTH 7667 and PHTH 7558.

PHTH 7674. Critically Appraising and Contributing to the Evidence for Clinical Practice. 3 cr. hrs.
Course is a culmination of the skills and knowledge obtained in PHTH 7522 and 7523 and prepares students for leadership roles in physical therapy. Students hone their skills at reading and critically evaluating the clinical and scientific literature. In so doing, student become familiar with the evidence for practice in several emerging areas of physical therapy. Students also learn to lead and participate in journal clubs, provide effective peer review, contribute to the evidence for practice, and communicate novel ideas to the physical therapy community. Instruction methods include lectures, journal clubs, and writing workshops. As a capstone project students will author papers comparable to those seen in the journal of the American Physical Therapy Association and present their work to the physical therapy community. Prereq: PHTH major; PHTH 7522 and PHTH 7523.

PHTH 7675. Pediatric Disorders and Intervention Strategies. 4 cr. hrs.
Lecture/lab/discussion on developmental disabilities and other selected pediatric disorders. Concepts of physical therapy evaluation, assessment, goal setting and treatment of the pediatric patient; common treatment theories and techniques and their application to children. Current cultural, ethical, and legal issues related to health care and children. Prereq: Must be a 6th year PHTH major.

PHTH 7682. Cardiovascular and Pulmonary Physical Therapy. 3 cr. hrs.
Lecture/laboratory course will focus on recuperative/restorative management of clients having primary or secondary involvement of the cardiovascular and/or pulmonary systems. A total gas delivery approach will be emphasized through case presentations. Clinical skills to be taught will be consistent with nationally published Clinical Practice Guidelines that are evidence-based. 7000 level course contains enhanced content. Prereq: PHTH major; certification in Basic Life Support (CPR).
**PHTH 7684. Clinical Issues and Decision Making.** 2 cr. hrs.
Lecture course with occasional joint labs with the DPT-5 students during class time. The emphasis of this course is to examine and discuss current issues and trends in physical therapy practice, and to mentor DPT-5 students. Topics include patient and professional advocacy, autonomous practice, ethics, jurisprudence, reimbursement, applying the Guide to Physical Therapist Practice to a complex multi-system patient case, resume writing, interview skills, and assessment for learning. Additionally, a representative from the Department of Regulation and Licensing will address the licensing process. Prereq: PHTH 7523.

**PHTH 7932. Advanced Topics in Physical Therapy.** 0-4 cr. hrs.
Advanced clinical electives in specific areas of physical therapy practice. Prereq: PHTH major; or cons. of instr. 0 credit will be SNC/UNC grade assessment; 1-4 credits will be graded.

**PHTH 7986. Internship in Physical Therapy.** 4-10 cr. hrs.
Prereq: PHTH major; must be taken in PHTH course sequence.

**PHTH 7995. Independent Study in Physical Therapy.** 1-3 cr. hrs.
Independent study and research in special areas of interest in physical therapy under faculty supervision. No mid-term assessment assigned. Prereq: PHTH major, cons. of instr., and cons. of dept. chair.
Physician Assistant Studies

**Mission**

The Department of Physician Assistant Studies combines Marquette’s Jesuit tradition of *cura personalis* ("care for the whole person") with the College of Health Sciences’ Jesuit ideals of concern for the spiritual, emotional and physical development of the individual.

We’re dedicated to educating physician assistants for supervised practice of primary medicine in dynamic health care systems. We realize our mission through a synergistic strategy of educational goals.

**Educational Goals**

These goals prepare each student intellectually, socially, and affectively to:

- Thoroughly interview and examine patients, order appropriate tests, assess findings and collaborate with the supervising physician and, whenever possible, the patient to determine the appropriate treatment plan.
- Be effective communicators, listeners, observers and diagnosticians.
- Instill the importance of counseling, educating and motivating patients and their significant others to take responsibility for their physical, mental and spiritual health.
- Foster optimal PA and supervising physician relationships.
- Identify true emergencies and respond appropriately.
- Be responsive and committed members of the health care team and adhere to the team concept of health care delivery.
- Develop a commitment to lifelong learning.
- Demonstrate allegiance to the profession through participation in professional organizations.
- Contribute to the education of future PA students by participating in physician assistant training.

**Learning Outcomes**

Graduates of the Physician Assistant program will be able to:

- Perform an appropriate history and physical exam on individuals that concludes with a working diagnosis and initial treatment plan.
- Apply the evidence-based principles of medicine to accurately diagnose and manage acute and chronic disease states and/or medical emergencies.
- Function effectively as a member of the health care team in respect to interpersonal relations, team skills and written and oral communication.
- Demonstrate a commitment to life-long learning by participation in professional development activities on a continuing basis.
- Demonstrate cultural understanding and sensitivity in interactions with patients of diverse socioeconomic, ethnic, and alternative backgrounds.
- Synthesize the medical literature on a given topic and present both an oral and written review.

**Undergraduate Admission Requirements**

Students can apply for admittance into the Physician Assistant Studies program as early as the fall term of their sophomore year. They are required to complete the two-year, pre-PA phase of the Physician Assistant Studies program and be enrolled in the College of Health Sciences to ensure that they have completed the appropriate prerequisite courses that will make them eligible for a degree in biomedical sciences within the PA program (see BISC/pre-PA curriculum [here](http://bulletin.marquette.edu/undergrad/collegeofhealthsciences/departmentofbiomedicalsciences/#biomedpa) in the Biomedical Sciences Department). Following acceptance into the PA program, students follow the curriculum as outlined for the three-year Physician Assistant Program.

The intensity of the program and the skills necessary for practice as a physician assistant require the program to seek applicants with an excellent academic background, along with strong interpersonal skills and maturity. Prior health care experience is also an indicator of a career commitment to clinical practice. The program’s admission process will consider each applicant’s strengths and select for competitive candidates best qualified to meet the program’s mission.

Selection factors considered in the admission process include the following:

1. Cumulative GPA of 3.000 or greater.
2. Motivation, maturity, ability to work with people and suitability for clinical practice.
3. Minimum of two hundred patient contact hours in health care settings.
4. Knowledge of the PA profession and the profession’s role in the health care system.
5. Graduate Record Exam scores for applicants with a degree; SAT or ACT scores for applicants entering the program without a completed bachelor’s degree.
6. Three letters of recommendation.
7. Personal interviews.

Academic Regulations

Academic Progress

To achieve satisfactory academic progress leading to promotion in the Physician Assistant Program, the student must achieve a GPA of 2.800 in each term (summer, fall, spring). In addition, the student may receive no single grade in any course less than a C. The PA program considers a grade below C to represent unsatisfactory academic progress. Unsatisfactory academic progress may result in conditional promotion, student-initiated withdrawal from the program, or dismissal from the program. Students who earn grades of CD, D, F or UNC in any course in the PA program may be dismissed. This may also lead to withdrawal of financial aid.

In the clinical portion of the program (third year) the semester GPA is compiled from an aggregate of clinical rotation grades completed in that semester (summer, fall, spring).

Students may not participate in Physician Assistant clinical rotations until they have successfully completed all the required courses in the didactic curriculum.

At intervals during each semester and at its conclusion, the Progress and Promotion Committee will review the progress of each student. The committee determines whether the student shall be unconditionally promoted; promoted with recognition; promoted with conditions (as described below); or be subject to other action as described earlier.

Counseling

Directing a student to seek appropriate counseling is within the purview of the Progress and Promotion Committee (P&P Committee). While it is advisable for students to seek assistance from instructors and faculty as a course proceeds, there may be circumstances where support is needed to understand certain concepts and to make up work lost for extraordinary reasons such as illness. The P&P Committee can recommend the student establish a collaborative plan with the faculty to complete selected course objectives and incomplete work. Students will be notified of this recommendation by letter from the program director. This letter will remain a part of the student’s permanent file. In specific situations involving financial or personal elements, the committee may recommend outside resources be utilized to satisfy this category of promotion. When medical or psychiatric consultation is required or recommended, the P&P Committee will respect patient/provider confidentiality. However, documentation of enrollment and/or completion may be required by the committee.

Warning Letter

A warning is a written letter to a student for non-acceptable academic progress during the semester (usually at mid-semester). A warning may come from the course instructor or the program director on behalf of the course instructor and its purpose is to make the student aware of impending academic jeopardy. Warnings are reported to the Progress and Promotion Committee and program director for informational purposes. Students may also be placed on academic probation upon receipt of the warning letter.

Academic Censure (Dismissal/Probation/Academic Alert)

Overview

There are certain categories of student performance problems that can lead to some form of censure. These problems may be identified at any point during the academic year, though a systematic review of all students’ course grades is also conducted at the end of each academic term. The review of other, non-course grade problems is typically conducted on an individual basis as issues arise. A finding of significant problems in any of these areas can result in probation, suspension, dismissal, or expulsion, depending on the nature and severity of the problems identified. All of these statuses are maintained permanently on the student’s academic record; only dismissal and expulsion, however, appear permanently on Marquette University’s official transcript. If a student is reinstated following a dismissal, that notation will also permanently appear on the student’s official transcript. The statuses that will appear permanently on a student’s official transcript include those listed (in bold type) below:

- Required to Withdraw for Academic Reasons (RWAR) – dismissal for deficient academic performance as described below.
- Reinstated on Probation - following successful appeal of academic dismissal.
- Required to Withdraw for Professional Integrity Reasons (RWPI) – dismissal for violation of Professional Integrity standards as described below.
- Required to Withdraw for Academic Misconduct (RWAM) – dismissal for violation of the academic honesty policy as outlined in the Academic Regulation section of this bulletin.
- Required to Withdraw for Non-Academic Reasons (RWNR) – dismissal for student conduct issues as outlined in the Student Handbook.

1. Academic Dismissal – Required to Withdraw for Academic Reasons (RWAR):

   Health Science Professional Students (HESP) in the Master of Physician Assistant Studies program must maintain a cumulative G.P.A. of 2.800 by the end of the second semester in the program, and each semester thereafter. In addition, students will be RWAR’ed for any course attempted with a final
grade below a C (CD, D or F) or an unsatisfactory grade (U/UNC). The Office of the Registrar (OTR) and the Office of Student Financial Aid (OSFA) will monitor the program academic requirements at the end of each term (fall, spring and summer). A student who does not meet these academic requirements will be academically dismissed by the college (coded as RWAR by OTR) and his/her record coded as failure to maintain SAP (by OSFA).

The college office will communicate the RWAR and OSFA will communicate the SAP via Marquette email. As per university email policy, it is the student’s responsibility to monitor his/her email at all times. A RWAR/SAP student will be dropped from any classes in which he/she is subsequently registered.

An Undergraduate student in the Physician Assistant Studies must meet requirements listed above to continue in the Physician Assistant Studies Program. A student that is not allowed to continue in the Physician Assistant studies program, but remains in good standing at the University as an undergraduate student, will be allowed to continue with their undergraduate degree course of study.

In addition, there are other SAP conditions for which the student is responsible and will be applied to all students in this program, both professional and undergraduate. The complete SAP policy (http://www.marquette.edu/mucentral/financialaid/resources_elig_standards.shtml) is available on the OSFA website.

RWAR/SAP Appeal Process

A RWAR/SAP student must appeal both RWAR/SAP by sending one form, which addresses both RWAR and SAP issues. The RWAR/SAP appeal form (http://www.marquette.edu/mucentral/registrar/documents/Form-UndergraduateAppealAcademicDismissalSatisfactoryAcademicProgress.pdf) is posted on the MU Central website and includes all of the required information the student must submit in order to have his/her appeal reviewed.

- The form is submitted to the College of Health Science main office for initial review for completeness of forms. Completed appeal forms are then forwarded to the chair of the Department of Physician Assistant Studies. The department chair, in consultation with the Progress and Promotion Committee, has the final decision on all RWAR/SAP appeals.
- If the appeal is approved, the student will be ‘Reinstated on Probation’ and the Progress and Promotion Committee will establish an academic probation plan for the student to regain his/her satisfactory academic and degree progress, and the student’s eligibility for financial aid will be restored.
- The plan must be measurable and ensure that the student is able to meet Marquette’s SAP standards by a specific point in time. Plans should include courses to be taken, expected grades and a timeframe to complete the outlined objectives.
- The plan will be monitored by the department (Progress and Promotion Committee).
- Should the student not fulfill all of his/her academic obligations as outline in the academic probation plan, the student’s performance will be evaluated by the committee and a determination will be made as to whether the College Academic Alert (see below) process will be instituted; however, student student will again be coded with SPA for that term.

2. Physician Assistant Studies Probation and College Academic Alert (CAA)

Physician Assistant Studies Probation

Automatic probation based on GPA – A student in the Physician Assistant Studies program is allowed up to two non-consecutive instances of automatic probation for a single semester grade point average (GPA) between 2.000 and 2.799 if all required courses are completed with a grade of C or better and cumulative GPA after the second semester in HESP is at least 2.800. To return to good academic standing, the term GPA of the subsequent academic semester must be equal to or greater than 2.800.

Failure to meet the requirements of probation may lead to College Academic Alert (see below).

Physician Assistant Studies College Academic Alert (CAA)

Academic performance is monitored carefully by the Progress and Promotion Committee of the Department of Physician Assistant Studies program, and students either not maintaining steady progress or not demonstrating adequate achievement will be barred from future registration in the program by College Academic Alert (CAA) action.

Conditions of probation may be prescribed in writing at the time of the student’s admission or readmission. Conditions may also be prescribed in writing in the case of a student whose course performance or failure to follow academic advice warrants such action at any time during the program. All students where conditions of probation have been established will be subject to committee review and possible CAA action should they fail to fulfill the specific terms. It is possible that a student be barred from registration for academic reasons even though the student’s cumulative GPA exceeds 2.800. Students concerned about their academic progress should consult the department office.

A student placed on College Academic Alert cannot register for subsequent courses in the Physician Assistant Studies program and will be removed from any such classes for future terms in which he/she is registered. Students will be notified by letter or email of the committee’s decision and of the appeal process. Undergraduate students that are not allowed to continue in the Physician Assistant studies program, but remain in good standing at the university, will be allowed to continue in their undergraduate degree course of study.
3. Academic Dismissal – Professional Integrity

Students may be dismissed from the Physician Assistant Studies program for failure to maintain professional integrity standards, which may include, but are not limited to:

A. Failure to comply with the Physician Assistant Studies Program Honor Code and Professional Code of Conduct.

B. Failure to comply with learning objectives set forth in a professional behavior learning contract between the student and the program.

C. Clinical misconduct, including, but not limited to:
   a. Conduct that constitutes harassment, threats or abuse of, or discrimination against peers, faculty, patients, or others.
   b. Provision of services at any point in the Physician Assistant Studies program while under the influence of an illegal substance and/or alcohol.
   d. Failure, during a clinical experience, to comply with the policies and procedures of the clinical facility.
   e. Failure to comply with the Physician Assistant Studies program departmental Policies outlined in the student handbook.
   f. Failure to comply with the Physician Assistant Ethical Guidelines to Professional Conduct (www.nccpa.net and www.aapa.org).

Violations of the professional integrity requirements will result in a hearing with the Progress and Promotion Committee. Findings of misconduct to self, faculty, the university clinical placements and/or patient may result in failure in the assignment, failure in the course or dismissal from the program. For instances of dismissal from the program, a notation of “Required to Withdraw for Program Integrity Reasons” will be placed on the student’s permanent academic record and transcript.

4. Academic Dismissal - Academic Misconduct:

Dismissal for academic misconduct (RWAM) is determined per the Academic Honesty policy found in the Academic Regulation section of this bulletin. Once this determination has been made, the student will be dismissed from the university. This action results in ineligibility to register at Marquette. Reinstatement criteria for the student who is dismissed, if applicable, will be outlined in the dismissal notice. If the student is allowed to return to the university, a permanent notation of ‘Reinstated to the University’ will appear on the student’s academic record and Marquette’s official transcript.

Temporary Withdrawal from Program

Students who find it necessary to request a temporary withdrawal from their program must submit a written request to the program director.

The P&P Committee may recommend, and must approve, the temporary withdrawal. The temporary withdrawal may be indicated under circumstances unique to specific problems of a given student, however, the temporary withdrawal shall extend no longer than a single calendar year.

Normally, a student will be readmitted to the program at the end of his/her leave if the P&P Committee, believes the purpose of the temporary withdrawal has been successfully achieved. The committee may require the student to repeat course work before reentry after a prolonged absence.

The Physician Assistant program must be completed in no more than 4 years. Therefore, if a second temporary withdrawal is requested, the student may be dismissed from the program or required to reapply to the program.

Re-entry Policy

Students who find it necessary to withdraw from the Physician Assistant program may reenter at that level only with concurrence of the P&P Committee and the program director and on a space-available and case-by-case basis.

Tuition/Financial Aid for Physician Assistant Studies program

Students enrolled in the Physician Assistant Studies program upon completion of their baccalaureate degree will be moved into the professional division of Health Sciences and will no longer be eligible for undergraduate financial aid.

Physician Assistant Studies

Curricula information

Typical Three-Year Professional Phase - Master’s of Physician Assistant Studies

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<th>First Term</th>
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<td>BISC 4145</td>
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A Master's degree in Physician Assistant Studies requires successful completion of minimum total credits of 129. This includes 32 credits of Clinical Clerkship experiences, in addition to a 7 credit Master's Capstone Project. Required Clinical Clerkship experiences include family practice, internal medicine, emergency medicine, general surgery, pediatrics, women's health, behavioral medicine and electives. PHAS 7986 Internship in Physician Assistant Studies: may be offered for letter grade or S/U grading, as determined by the program.

**Courses**

**PHAS 7040. Medical Terminology. 1 cr. hr.**
Introduction to the medical language, including diagnostics and pharmacology. Prereq: Admitted to PA program.

**PHAS 7050. Introduction to Medical History and Physical Examination. 4 cr. hrs.**
Consists of two phases. The first portion of the course develops the student's interviewing skills eliciting a complete medical history. The second portion of the course instructs the student in the methods and modalities to complete an entire adult wellness exam. At the conclusion of the course, the student is expected to be competent in eliciting a complete medical history and physical exam, appropriately documenting the exam including all positive and negative findings. Medical terminology is reviewed throughout the course. Prereq: PHAS major; admitted to PA program.

**PHAS 7080. Evidence-Based Medicine. 2 cr. hrs.**
Provides a practical approach to making sound medical decisions based on current evidence in medical literature. Using a series of didactic presentations, group exercises, independent inquiry and reading, students learn the basic principles of evidence-based medicine. Basic skills in accessing MEDLINE and other medical databases will be emphasized and practiced. Research principles, research ethics, and basic statistical analysis are introduced. Students use their foundation in EBM throughout their didactic and clinical education. Skills learned will be essential in formulating and completing the capstone project in the 3rd year of the physician assistant program. Prereq: PHAS major; admitted to PA program.

**PHAS 7090. Introduction to Clinical Medicine. 3 cr. hrs.**
Introduction to preventative medicine healthcare with focus on screening guidelines and treatment protocols throughout the lifecycle. Emphasis on disease prevention with attention given to the unique needs of diverse and underserved patient populations. Clinical genetics and immunogenetics are introduced linking current research to practical clinical medicine in advancing the understanding of the molecular basis of genetic concepts to practical clinical application. Introduction to oncology, it's clinical presentation, diagnostics, and therapeutics, as well as the role of preventative medicine in cancer, is addressed incorporating basic knowledge of gene expression and genetic patterns. Prereq: PHAS major; admitted to PA program.
PHAS 7110. Clinical Medicine I. 6 cr. hrs.
Provides a comprehensive presentation of the various disease processes commonly encountered in primary care across the spectrum of clinical medicine. Employs a system-oriented, problem based approach and clinical information is presented in conjunction with appropriate, correlative lectures or labs in anatomy, physiology, pharmacology, pathology, radiology, laboratory diagnostics, and nutrition. Students acquire basic life support certification (CPR). Prereq: PHAS major; admitted to PA program.

PHAS 7111. Clinical Medicine II. 4 cr. hrs.
Continuation of PHAS 7110. Provides a comprehensive presentation of the various disease processes commonly encountered in primary care across the spectrum of clinical medicine. Employs a system-oriented, problem based approach and clinical information is presented in conjunction with appropriate, correlative lectures or labs in anatomy, physiology, pharmacology, pathology, radiology, laboratory diagnostics, nutrition, and preventative approaches. Prereq: PHAS major; admitted to PA program.

Students develop a systematic approach to solving clinical problems. Emphasis is on gaining familiarity with the commonly-encountered clinical problems and exercising the thought process used to work from a broad differential diagnosis to a single diagnosis and treatment plan. Utilizes small group cases, problem based learning, group discussions, individualized assignments, clinical skills labs and standardized patient encounters. Builds on prior skills and competencies in the basic sciences, pathophysiology, history taking, interviewing & physical examination skills, ordering and interpreting diagnostic tests and documenting SOAP notes. Students develop the ability to orally present cases succinctly. Prereq: PHAS major; admitted to Physician Assistant Studies.

PHAS 7116. Clinical Decision Making II. 1 cr. hr.
A 1-credit semester continuation of PHAS 7115 that focuses on application and further development of the student’s approach to working-up and solving medical problems. Intended to build upon, refine and integrate basic clinical skills and competencies that students have acquired in previous coursework. Provides an opportunity for students to interact with patients in the clinical setting, and document and present the case to faculty and peers. Bridges the transition between academic learning and clinical practice during the clerkship year. Prereq: PHAS major; admitted to PA program.

PHAS 7117. Cultural Diversity in Health Care. 2 cr. hrs.
Introduction to healthcare delivery to diverse patient populations. Explores various culturally influenced perspectives on health and illness as well as identifying health disparities among certain cultural groups and minority populations. Students work toward becoming culturally competent practitioners by exploring their personal reactions to culturally based medical scenarios. Prereq: PHAS major; admitted to professional phase of Physician Assistant Studies.

PHAS 7200. Interpersonal Communication. 2 cr. hrs.
A 2-credit semester course intended to build upon basic interviewing skills that were introduced in PHAS 7050. Consists of a series of patient-encounters, classroom discussions and readings relevant to working constructively with problems in clinician/patient communications. Common types of difficult patient interactions will be addressed. Self-awareness is emphasized as the basis upon which clinicians develop an enhanced capacity for empathic listening and responsiveness. Prereq: PHAS major; admitted to PA program.

PHAS 7220. Clinical Pharmacotherapeutics. 3 cr. hrs.
A focused clinical pharmacology course designed specifically to develop an extensive understanding of the medications routinely used in inpatient and outpatient care. Presented in a case study format using patient scenarios to develop clinical pharmacology knowledge. Prereq: PHAS major, BISC 7120, and admitted to PA program.

PHAS 7230. Geriatric Medicine. 2 cr. hrs.
An introduction into the biological aspects of aging, latency of disease, clinical geriatric syndromes, atypical disease presentations, drug prescribing and long term care of the elderly. Students develop an understanding of the special considerations and knowledge needed for clinical assessment and management of this special patient population. Prereq: PHAS major; admitted to PA program.

PHAS 7235. Emergency Medicine. 4 cr. hrs.
A comprehensive introduction to diagnosis and treatment of common and life-threatening adult and pediatric problems in the Emergency Department. Information and skills are delivered and developed in a series of lectures, skills labs and small group case discussions led by an emergency medicine physician and EM PAs. Integrates prior and current developing knowledge of clinical medicine, history and physical exam taking, pediatrics, pharmacology, public health, surgery, and women’s health. Students obtain certification in ACLS: Advanced Cardiac Life Support. Prereq: PHAS major; admitted to Physician Assistant Studies.

PHAS 7245. Professional and Ethical Issues. 2 cr. hrs.
Emphasizes current issues facing the profession, including legal and ethical problems, and the unique place of PAs within the health care system. Familiarizes students with the history and traditions of the PA profession. Complemented by information about certification, licensure, employment, professional organizations and political/legislative topics. A significant portion of the course confronts ethical issues facing today’s Physician Assistants. Prereq: PHAS major; admitted to PA program.

PHAS 7250. Surgical Principles and Procedures. 4 cr. hrs.
An introduction to the role of the physician assistant in surgery and surgical procedures commonly performed in post-operative care. Employs a system-oriented, problem based approach and clinical information is presented in conjunction with appropriate, correlative lectures or labs in anatomy, physiology, pharmacology, pathology, radiology, laboratory diagnostics, and nutrition. Prereq: PHAS major; admitted to PA program.
PHAS 7255. Women's Health. 2 cr. hrs.
Provides practical information on routine gynecologic and obstetric care for women. It explores various gynecological diseases, obstetric complications, and preventative care for women of all ages. Employs a system-oriented, problem based approach in which clinical information is presented to include basic anatomy, physiology, pharmacology, pathology, radiology, and laboratory diagnostics. Includes a physical exam lab practicum. Prereq: PHAS major; admitted to PA program.

PHAS 7260. Pediatric Medicine. 3 cr. hrs.
An introduction to pediatric medicine. Covers the well child exam from birth through adolescence, and common medical problems encountered in the pediatric setting. Employs a system-oriented, problem based approach and clinical information is presented in conjunction with appropriate, correlative lectures or labs in anatomy, physiology, pharmacology, pathology, radiology, laboratory diagnostics, and nutrition. Prereq: PHAS major; admitted to Physician Assistant Studies.

PHAS 7265. Medical Coding and Health Care Systems. 1 cr. hr.
Begins with and in-depth look at the medical coding system and teaches the students how and why to code properly. Students are familiarized with the Typhon system of patient documentation and practice using it in conjunction with cases done in PHAS 7115. The remainder of the course focuses on the ever changing health care marketplace. Various health care system models and reimbursement methods will be compared and contrasted. Students research and present various topics to include more information on specific local and regional programs influencing health care delivery. Prereq: PHAS major; admitted to Physician Assistant Studies.

PHAS 7270. Diagnostics Technology. 4 cr. hrs.
Consists of three distinct class sections: a 12-Lead ECG interpretation section, a radiology section, and a laboratory section. Provides a broad introduction to these topics that are expanded upon in PHAS 7110, 7111, and 7115. The ECG interpretation section will provide students with a systematic methods of interpreting a 12-Lead ECG with respect to rate, rhythm and blocks, electrical axis determination, hypertrophy (atria and ventricles), ischemia/injury/infarction, and miscellaneous drug, electrolyte, disease, and pacemaker effects. The radiology section will provide students with a systematic method of interpreting common radiographic studies seen in primary care. The laboratory section emphasizes the utilization of laboratory methods for the diagnosis and treatment of disease. The content focuses on those aspects pertinent to the provision of ambulatory primary care. Prereq: PHAS major; admitted to PA program.

PHAS 7931. Special Topics in Physician Assistant Studies. 1-6 cr. hrs.
Used for special topics course.

PHAS 7986. Internship in Physician Assistant Studies:. 2-6 cr. hrs.
May be offered graded or S/U. Prereq: PHAS major; admitted to PA program.

PHAS 7995. Independent Study in Physician Assistant Studies. 1-6 cr. hrs.
Prereq: Admitted to PA program.

PHAS 7997. Master's Capstone Project. 0-8 cr. hrs.
A unique course executed throughout the final year of the professional PA curriculum (Clinical Year) which provides the program with a final evaluation of the readiness and eligibility of every student to graduate. This on-going assessment process encompasses multiple components including: Observed Simulated Patient Examination (OSCEs), Case Presentations, a comprehensive summative examination, and the completion of a master’s paper and presentation. 0 credit will be SNO/UNC grade assessment; 1-8 credits will be graded. Prereq: PHAS major; admitted to PA program.
## Index

<table>
<thead>
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<th>Section</th>
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<tbody>
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<tr>
<td>Physical Therapy</td>
<td>14</td>
</tr>
<tr>
<td>Physician Assistant Studies</td>
<td>24</td>
</tr>
</tbody>
</table>
## Academic Calendar 2012-13

### HEALTH SCIENCES PROFESSIONAL STUDENTS

- **Fall 2012**
- **Spring 2013**
- **Summer 2013**

### FALL 2012

<table>
<thead>
<tr>
<th>Event</th>
<th>Session 1 8/27/12 to 12/15/12</th>
<th>Session 2 8/27/12 to 10/20/12</th>
<th>Session 3 8/20/12 to 12/15/12</th>
<th>Session 4 11/19/12 to 12/18/12</th>
<th>Session 5 11/19/12 to 12/18/12</th>
<th>Session 6 8/20/12 to 12/22/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early registration begins (by appointment)</td>
<td></td>
<td></td>
<td>3/26/12</td>
<td>4/19/12</td>
<td>4/19/12</td>
<td></td>
</tr>
<tr>
<td>Open registration begins (no appointment required)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Classes begin</strong></td>
<td>8/27/12</td>
<td>8/27/12</td>
<td>10/22/12</td>
<td>8/20/12</td>
<td>11/19/12</td>
<td>8/20/12</td>
</tr>
<tr>
<td>Deadline for official transcripts from other institutions to arrive at the Office of the Registrar to be processed in time for August 31st through November 29th graduation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 31st through November 29th diploma date</td>
<td></td>
<td></td>
<td>the last business day of the month</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>College:</strong> August 31st through November 29th Trustees’ List due at noon</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 31st through November 29th diplomas available for pick-up at Marquette Central or mailing from the Office of the Registrar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labor Day holiday; classes excused</td>
<td>9/3/12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration ends at midnight</td>
<td>9/4/12</td>
<td>9/4/12</td>
<td>10/29/12</td>
<td>8/28/12</td>
<td>11/21/12</td>
<td>8/28/12</td>
</tr>
<tr>
<td>Last day to drop a class without a grade of W</td>
<td>9/4/12</td>
<td>9/4/12</td>
<td>10/29/12</td>
<td>8/28/12</td>
<td>11/21/12</td>
<td>8/28/12</td>
</tr>
<tr>
<td><strong>College:</strong> Deadline to code students for final fall term 2012 graduation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10/5/12</td>
</tr>
<tr>
<td>Deadline to submit work to instructors for incompletes earned in the spring or summer 2012 terms</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10/5/12</td>
</tr>
<tr>
<td>Makeup examinations for spring and summer 2012 terms</td>
<td>10/5/12</td>
<td>10/5/12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Midterm break; classes excused for DPT 5 and DPT 6 students</td>
<td>10/11/12</td>
<td>10/14/12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deadline for instructors to submit textbook information to BookMarq for the spring 2013 term</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10/15/12</td>
</tr>
<tr>
<td>Graduation applications available online in CheckMarq for eligible students to apply for spring and summer 2013 graduation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10/15/12</td>
</tr>
<tr>
<td>Midterm break; classes excused (except DPT 5 and DPT 6 students)</td>
<td>10/18/12</td>
<td>10/21/12</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>College:</strong> Deadline to submit I, IX or X grade changes for spring or summer 2012 to the Office of the Registrar</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10/19/12</td>
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</tbody>
</table>

*College*
### SPRING 2013

<table>
<thead>
<tr>
<th>Event</th>
<th>Session 1 1/14/13 to 5/13/13</th>
<th>Session 2 1/7/13 to 3/9/13</th>
<th>Session 3 3/11/13 to 5/11/13</th>
<th>Session 4 1/7/13 to 5/11/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advising for continuing students</td>
<td>10/29/12 to 11/2/12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Early registration begins (by appointment)</td>
<td>11/5/12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open registration begins (no appointment required)</td>
<td>11/29/12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Classes begin</strong></td>
<td>1/14/13</td>
<td>1/7/13</td>
<td>3/11/13</td>
<td>1/7/13</td>
</tr>
<tr>
<td>Deadline for official transcripts from other institutions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>to arrive at the Office of the Registrar to be processed in time for</td>
<td></td>
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<tr>
<td>January 31st through April 30th graduation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>January 31st through April 30th diploma date</td>
<td></td>
<td></td>
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<tr>
<td>College: January 31st through April 30th</td>
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<tr>
<td>Trustees’ List due at noon</td>
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<tr>
<td>January 31st through April 30th diplomas available for pick-up at</td>
<td></td>
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<tr>
<td>Marquette Central or mailing from the Office of the Registrar</td>
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<td></td>
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<tr>
<td>Martin Luther King, Jr. Day; classes excused</td>
<td>1/21/13</td>
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<td></td>
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<tr>
<td>Registration ends at midnight</td>
<td>1/22/13</td>
<td>1/15/13</td>
<td>3/19/13</td>
<td>1/15/13</td>
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<tr>
<td>Last day to drop a class without a grade of W</td>
<td>1/22/13</td>
<td>1/15/13</td>
<td>3/19/13</td>
<td>1/15/13</td>
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<tr>
<td>Deadline to change from Credit to Audit</td>
<td>1/22/13</td>
<td>1/15/13</td>
<td>3/19/13</td>
<td>1/15/13</td>
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<tr>
<td>Deadline for students to submit online graduation application</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>for spring 2013 graduation</td>
<td>2/1/13</td>
<td></td>
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<tr>
<td>Deadline to submit work to instructors for incompleted</td>
<td></td>
<td></td>
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<tr>
<td>earned in the fall 2012 term</td>
<td>2/15/13</td>
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<tr>
<td>Makeup examinations for the fall 2012 term</td>
<td>2/15/13</td>
<td>2/16/13</td>
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<tr>
<td>Deadline for instructors to submit textbook</td>
<td></td>
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<tr>
<td>information to BookMarq for the summer 2013 term</td>
<td>2/28/13</td>
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<tr>
<td>College: Deadline to submit I, IX or X grade changes</td>
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<tr>
<td>for fall 2012 to the Office of the Registrar</td>
<td>3/1/13</td>
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<tr>
<td>Deadline for instructors to submit textbook</td>
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<tr>
<td>information to BookMarq for the fall 2013 term</td>
<td>3/4/13</td>
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</tr>
<tr>
<td>Graduation applications available online in CheckMarq for</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>eligible students to apply for fall 2013 graduation</td>
<td>3/4/13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spring break; classes excused</td>
<td>3/10/13 to 3/17/13</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
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<tr>
<td>Deadline for students to submit online graduation applications</td>
<td></td>
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<tr>
<td>for summer 2013 graduation if participating in the Spring Commencement</td>
<td></td>
<td></td>
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<tr>
<td>ceremony, per Commencement policy</td>
<td>3/18/13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advising for fall term 2013 registration</td>
<td>3/18/13 to 3/22/13</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Open registration for summer 2013 term begins (no appointment</td>
<td>3/21/13</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>required)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Early registration for fall term 2013 begins (by appointment)</td>
<td>3/25/13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Easter holiday; classes excused</td>
<td>3/28/13</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
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<tr>
<td>Deadline to withdraw with a grade of W</td>
<td>4/12/13</td>
<td>2/15/13</td>
<td>4/26/13</td>
<td>4/12/13</td>
</tr>
<tr>
<td>Deadline for official transcripts from other institutions</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>to arrive at the Office of the Registrar to</td>
<td>5/10/13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Event</td>
<td>Session 1 5/20/13 to 6/29/13</td>
<td>Session 2 7/1/13 to 8/10/13</td>
<td>Session 3 5/20/13 to 8/10/13</td>
<td>Session 4 5/20/13 to 8/17/13</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
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</tr>
<tr>
<td>First date financial aid applications for the summer term are available from the Office of Student Financial Aid</td>
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<td></td>
<td>3/1/13</td>
</tr>
<tr>
<td>Open registration begins (no appointment required)</td>
<td>5/20/13</td>
<td>7/1/13</td>
<td>5/20/13</td>
<td>5/20/13</td>
</tr>
<tr>
<td>Classes begin</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deadline for official transcripts to from other institutions to arrive at the Office of the Registrar to be processed in time for May 24th through August 16th graduation</td>
<td></td>
<td>one week prior to diploma date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 24th through August 16th diploma date</td>
<td></td>
<td></td>
<td>every Friday</td>
<td></td>
</tr>
<tr>
<td>College: May 24th through August 16th Trustees' List due at noon</td>
<td></td>
<td></td>
<td>every Friday</td>
<td></td>
</tr>
<tr>
<td>May 24th through August 16th diplomas available for pick-up from Marquette Central or mailing from the Office of the Registrar</td>
<td></td>
<td>approximately 4-6 weeks after diploma date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration ends at midnight</td>
<td>5/22/13</td>
<td>7/3/13</td>
<td>5/28/13</td>
<td>5/28/13</td>
</tr>
<tr>
<td>Last day to drop a class without a grade of W</td>
<td>5/22/13</td>
<td>7/3/13</td>
<td>5/28/13</td>
<td>5/28/13</td>
</tr>
<tr>
<td>Deadline to change from Credit to Audit</td>
<td>5/22/13</td>
<td>7/3/13</td>
<td>5/28/13</td>
<td>5/28/13</td>
</tr>
<tr>
<td>Memorial Day observed; classes excused</td>
<td></td>
<td></td>
<td>5/27/13</td>
<td></td>
</tr>
<tr>
<td>Deadline to withdraw with a grade of W</td>
<td>6/14/13</td>
<td>7/26/13</td>
<td>7/19/13</td>
<td>7/19/13</td>
</tr>
<tr>
<td>Deadline for students to submit online graduation application for summer 2013 graduation and not participating in the Spring Commencement ceremony</td>
<td></td>
<td></td>
<td>6/14/13</td>
<td></td>
</tr>
<tr>
<td>Classes end for the session</td>
<td>6/29/13</td>
<td>8/10/13</td>
<td>8/10/13</td>
<td>8/17/13</td>
</tr>
<tr>
<td>Instructors: Grades due at noon</td>
<td>7/2/13</td>
<td>8/13/13</td>
<td>8/13/13</td>
<td>8/20/13</td>
</tr>
<tr>
<td>Independence Day holiday; classes excused</td>
<td></td>
<td></td>
<td>7/4/13</td>
<td></td>
</tr>
<tr>
<td>Deadline for official transcripts from other institutions to arrive at the Office of the Registrar to be processed in time for final summer term graduation</td>
<td></td>
<td></td>
<td>8/16/13</td>
<td></td>
</tr>
<tr>
<td>Final summer term diploma date</td>
<td></td>
<td></td>
<td>8/23/13</td>
<td></td>
</tr>
<tr>
<td>College: final summer term Trustees' List due at noon</td>
<td></td>
<td></td>
<td>8/23/13</td>
<td></td>
</tr>
<tr>
<td>Final summer term diplomas available for pickup at Marquette Central or mailing from the Office of the Registrar</td>
<td></td>
<td></td>
<td>9/4/13</td>
<td></td>
</tr>
<tr>
<td>Event</td>
<td>Date</td>
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<tr>
<td>------------------------------------------------------------</td>
<td>---------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transcripts available from the Office of the Registrar with final summer term degree information</td>
<td>9/20/13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deadline to submit work to instructors for incompletes earned in the summer 2013 term</td>
<td>10/4/13</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*For faculty:* The dates of the academic year for faculty are August 20, 2012 to May 19, 2013. The dates of annual faculty contracts are July 1, 2012 to June 30, 2013.
Driving Directions to Marquette University

From the west on I-94
Exit #310A — 13th Street
To 16th Street Parking Structure:
• At end of ramp, turn left onto 13th Street
• North ½ block to Clybourn Street
  (13th Street ends at Clybourn)
• Turn left onto Clybourn Street
• West 3 blocks to 16th Street
• At 16th Street (one-way northbound) turn right
• North 1½ blocks on 16th Street
• The 16th Street Parking Structure is on the left, between Wisconsin Avenue and Wells Street

From the south on I-43/I-94
Exit #72A — 10th Street and Michigan/Tory Hill
To 16th Street Parking Structure:
• At end of ramp, turn left onto Tory Hill
• Tory Hill becomes Clybourn
• At 16th Street (one-way northbound) turn right
• North 1½ blocks on 16th Street
• The 16th Street Parking Structure is on the left, between Wisconsin Avenue and Wells Street

From the north on I-43
Exit #72E — 11th Street and Highland
To 16th Street Parking Structure:
• At end of ramp, continue straight on 11th Street (one-way southbound)
• 11th Street will shift left at Wells Street
• From the far right lane, turn right on Wisconsin Avenue
• At 16th Street (one-way northbound) turn right
• North ½ block
• The 16th Street Parking Structure is on the left, between Wisconsin Avenue and Wells Street