MARIAN UNIVERSITY

College of Osteopathic Medicine Course Catalog • 2024-2025

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ACADEMIC CALENDAR 2024-2025

FIRST SEMESTER • FALL 2024

Clinical Medical term begins ..... Jul. 1
COM Years 1 & 2 Classes begin at 8 a.m. ..... Aug. 5
Graduate and Undergraduate Classes begin at 8 a.m. ..... Aug. 19
Last day to add a course or change from/to audit ..... Aug. 25
Labor Day: university closed ..... Sept. 2
Close pass/fail option ..... Sept. 20
Spring and Summer 2024 undergraduate incompletes due ..... Sept. 27
Mid-term date ..... Oct. 11
Mid-term recess: no classes ..... Oct. 14-15
Mid-term grades due at 4 p.m. for semester long classes ..... Oct. 16
Final grades due at 4 p.m. for classes ending on or before the mid-term date ..... Oct. 16
Registration for spring semester ..... Oct. 21 – Nov. 1
Thanksgiving recess ..... Nov. 28 – Dec. 1

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equipment and more space, an expansion and renovation of the center was completed in 2019. There is now a fitness center, expanded locker rooms, and weight room, and all are open to all students, faculty, staff, and alumni.

Caito-Wagner Hall – This hall opened in 2021 and serves as first year student housing for over 200 students. A attached bell tower dedicated to the Sisters of Saint Francis, Oldenburg, Indiana–Marian's founder and sponsor–is highest point of elevation on campus. The hall also houses Saint Joseph Chapel and includes a garden and reflection area.

Caretaker's Cottage – This building served as the caretaker's cottage for the Wheeler-Stokely estate.

Clare Hall – Named for Mother Clarissa Dillhoff, the first president of Marian College, Clare Hall was completed in 1949 and used as the primary residence hall. The lower level of Clare Hall houses the Media Center and an art studio. The first floor of this building houses the campus dining commons, the Counseling and Consultation Services Office, the Center for Academic Success and Engagement, Student Health Services, the Personalized Learning Center, multiple classrooms, and our Unity Center. Two upper floors serve as a residence for students.

Doyle Hall – Opened in 1964 as a men's residence hall, it was dedicated and named for Monsignor John J. Doyle on May 17, 1967. Today it is a coed residence hall that is home to 250 incoming freshmen.

Drew Hall – Opened in 2012 as a residence hall, it has four floors of suite-style rooms, with four students sharing a common living area and private bathroom in each suite. The building's amenities extend to its exterior, with a bricked courtyard and fire pit available for student use. A coed residence, the hall is home to 144 upper class students.

E.S. Witchger School of Engineering – Home to Marian's Engineering and Physics programs, The Witchger building opened in the fall of 2024. Housing instructional, laboratory, and maker spaces as well as the faculty in these fields, this building provides state-of-the-art learning opportunities for Marian students. Also included are collaboration spaces, small group study locations, and presentation rooms.

Huntington Hall – Home to Marian University's St. Joseph's College. The facility was opened in 2019. The hall was a former church located on the western edge of Marian's main campus. Saint Joseph's College offers a unique earn and learn model of

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College of Osteopathic Medicine

Mission

The Marian University College of Osteopathic Medicine is a Catholic medical institution built on the inspired vision and values of our Franciscan heritage, and dedicated to preparing osteopathic physicians who are committed to the complete healing of individuals' bodies, minds, and spirits. This institution is committed to serving the people of Indiana and to developing osteopathic physicians through research, service, and teaching.

Marian University's leadership recognized very early that there would be substantial synergy between our Franciscan Values and the Tenets of Osteopathic Medicine. These tenets state:

1. The body is a unit; the person is a unit of body, mind, and spirit.
2. The body is capable of self-regulation, self-healing, and health maintenance.
3. Structure and function are reciprocally interrelated.
4. Rational treatment is based upon

Osteopathic Oath

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College of Osteopathic Medicine Admission

Admissions Process

Within a competitive environment, MU-COM uses multiple criteria to select the most qualified candidates from its applicant pool. Since a rolling admissions process is used, applications are reviewed and interview decisions are made during the admissions cycle. After interviews are conducted and the committee meets, students are notified of their status.

AACOMAS Application

MU-COM participates with other osteopathic colleges in a centralized application processing service called the American Association of Colleges of Osteopathic Medicine Application Service (AACOMAS). An application may be submitted online at: https://aacomas.liaisoncas.com.

To initiate the application process, applicants must apply directly to AACOMAS.

Application Deadline

All applicants are strongly urged to apply as early as possible to optimize the chance of success. The deadline for MU-COM applicants generally falls on February 1, but is subject to change annually.

Applicants who have their application sent to MU-COM through AACOMAS and who meet the minimum admissions requirements will be invited to submit the Supplemental Application and supporting documents. The last date for applicants to submit the Supplemental Application is March 1. Applicants should consult the AACOM website for the most current, official deadlines. MU-COM begins reviewing applications as early as May of the year preceding matriculation.

Supplemental Application

The Supplemental Application is available by invitation only. If invited, applicants will receive a unique username and password to access the MU-COM admissions portal.

The Supplemental Application process consists of the following: TCO admissionSusr1 (i)1 j

2. **GPA**: The minimum GPA to be considered for admission is 3.0. A competitive average cumulative and science GPA is above 3.6.

3. The required undergraduate courses for entry are:
    - **Biological Sciences**: One year with laboratory (8 credit hours/12 quarter hours)
    - **Physics**: One year with laboratory (8 credit hours/12 quarter hours)
    - **Inorganic Chemistry**: One year with laboratory (8 credit hours/12 quarter hours)
    - **Organic Chemistry**: One year with laboratory (8 credit hours/12 quarter hours)
    - **English**: One year (6 credit hours/8 quarter hours)
    - **Biochemistry**: One semester (3 credit hours/4 quarter hours)
    - **Behavioral Sciences**: One Year (6 credit hours/ 8 quarter hours)
    - Recommended: Three (3) additional science hours each from courses in **Molecular Biology and Genetics** to enhance the applicant's success in medical school).

   Note: Courses with equivalent content will be reviewed. MU follows the AACOMAS definition of science courses to determine science GPA and science hours. (See AACOMAS website)
   Note: The Admissions Committee can waive additional prerequisites at their discretion.

The Marian University College of Osteopathic Medicine accepts advanced placement credit as long as such credit appears on the undergraduate transcript and indicates either specific subject credit (e.g. Organic General Chemistry - 4 units) or specific course credit (e.g. Chemistry 101 - 4 units). General advanced placement credit without such specifications is not accepted. Credits from CLEP examinations are not accepted.

4. **MCAT**: Applicants must submit scores from the MCAT. For the current admissions cycle, the College will accept MCAT scores from up to three years prior to the date of matriculation.

5. MU-COM also places a strong emphasis on the applicant's interview.

6. All applicants are required to meet the **Technical, Non-Academic Standards** (listed below). All applicants must affirm that they meet the standards, with or without a reasonable accommodation. Any falsification or misinformation regarding the ability to meet technical standards, with or without a reasonable accommodation, is a reason for dismissal.

7. **Applicants must submit all required application materials and meet all deadlines**. If not submitted as required, the offer of admission may be retracted.

Selection Process

Transfer Applicants

Transfer applications will be considered only when there is a compelling need for transfer and the applicant is in good academic standing, or eligible for readmission, at a COCA or LCME accredited medical school.

According to this policy, good academic standing is defined as having earned a passing score on the first attempt of all applicable licensure exams and provides a letter of good standing and acknowledgement of transfer from his or her existing dean.

Transfer requests are submitted to the Dean of MU-COM and final determinations are made in consultation with the Assistant Vice President of Health Professions Enrollment Management and Chair of the MU-COM Admissions Committee.

Accepted transfer applicants are require9.9 (m)8.8a91.1 (30 621.9 (m)8.8 (p)-5.1 (e)9 ((t)-6.9 (e)3 9 t)2.6 (r)h9 ((t)-11.2f)8.8 (r)5.1 (ng)2.1 (r)5.

hypothesis and investigate potential answers and outcomes; and reach appropriate and accurate conclusions.

Behavioral Attributes and Social Skills:
Candidates must exercise good judgement; complete all responsibilities attendant to the diagnosis and care of patients; and develop appropriate sensitive, and effective relationships with patients. The skills required to do so include the ability to effectively handle and manage heavy workloads, function effectively under stress, adapt to changing environments, display flexibility, and learn to function in the face of the uncertainties inherent in the clinical problems of patients.

Ethical and Professional Expectations:
Candidates are expected to exhibit professionalism, personal accountability, compassion, integrity, concern for others, and interpersonal skills including the ability to accept and apply feedback and to respect boundaries and care for all individuals in a respectful and effective manner regardless of gender identity, age, race, sexual orientation, religion, disability, or any other protected status.
Candidates should understand and function within the legal and ethical aspects of the practice of medicine and maintain and display ethical and moral behaviors commensurate with the role of a physician in all interactions with patients, faculty, staff, students, and the public. Candidates must adhere to the Marian University code of student rights and responsibilities, and the Marian University College of Osteopathic code of professional ethics and professional conduct policy.

Closing:
Marian University, through policy and practice, is committed to providing equitable access to learning opportunities for all students. In the Catholic, Franciscan tradition, we celebrate the dignity of each individual to ensure all students, including those with disabilities, have equal access and opportunities during their time at Marian University.
Candidates with questions regarding the technical standards are encouraged to contact the Personalized Learning Center. Admission to Marian University College of Osteopathic Medicine is conditional on the candidate's ability to satisfy these technical standards, with or without reasonable accommodation, and results from a process that examines and values all the skills, attitudes, and attributes of each candidate on a case-by-case basis.

Health Requirements
Noncompliance with mandatory health requirements, at any point during a student's enrollment at MU-COM may prevent matriculation or academic advancement. A list of current health care requirements can be found at https://www.marian.edu/osteopathic-medical-school/admissions/health-requirements.

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Financial

Dining Services
Dining with friends is an integral part of your college experience. Dining locations on campus include: the Dining Commons (located in Clare Hall), Subway (located in the Paul J. Norman Center), Chick-fil-A and Starbucks (located in Alumni Hall) and P.O.D Market (located in the Evans Center).

For meal plan information and hours of operation, please visit the Marian University Aramark webpage for addition information.

Graduate Medical Education and Career Advising
The Director of Graduate Medical Education (GME) Advising and Applications provides guidance and support to students during the GME application and selection process. This office provides support for individuals, couples, and groups to discuss the following topics: Residency Match planning, resources, statistics, and strategies (Military, Ophthalmology, Urology, NRMP, and SOAP); first year summer opportunities; deciding to take the USMLE; Office of Student Affairs Canvas course content; Clerkship Development Day content follow-up; Curriculum Vitae (CV); The Electronic Residency Ap

Members of the Marian University community are expected to maintain the highest level of honesty in every phase of their academic lives and to help create and promote an ethical atmosphere in which the goals of the university can be fully realized.

I Incomplete is given when it is determined that, in unusual circumstances, the student should have the opportunity to finish incomplete work. To be eligible to arrange an incomplete, the student must have completed substantial portions of the course and be in good academic standing in the course (2.00 GPA or above). In consultation with the faculty member, the student initiates the request; final approval of awarding an incomplete grade is determined by the Assistant/Associate Dean of Academic Affairs or Clinical Affairs. An incomplete form must be submitted within one week after the last day of the semester, or the grade assigned will be changed to an "F". All incompletes must be removed by the end of the sixth week of the next semester or the incomplete becomes an "F."

IP In progress grade for courses which span two or more semesters. The final grade and earned hours will be recorded for the course in the final semester.

AU Audited courses carry no credit and no grade.

W A grade of "W" is recorded when a student withdraws from a course during the second through the 10th week of classes for regular semester-long classes or by the end of the second week of classes for courses lasting at least five weeks but less than a full semester. The semester withdrawal is official only if the student completes the proper form and obtains authorization from the program director and the course instructor before filing the withdrawal request with the Office of the Registrar. A student who stops attending classes without processing this formal notice incurs an automatic "F" in the class. "W" grades are not given for courses lasting fewer than five weeks without complete withdrawal from the university.

Students withdrawing from all university classes must complete the withdrawal process prior to the scheduled final exam in order to receive a "W" in the classes. Students must process the necessary paperwork to document this withdrawal starting with the Office of the Registrar. Students withdrawing from the university are also removed from all future classes enrolled in through advanced registration.

S Student has successfully passed the course. An "S" grade does not increase the number of divisor credits or grade points earned, but it does increase the number of credits earned.

SX Remediated S - Maximum grade for elective, selective rotations and clinical colloquium successfully remediated after failure.

Registration Policies

The Office of the Registrar serves as the custodian of student academic records and ensures the accuracy, integrity, and security of these records. Primary responsibilities include: creating and maintaining student academic records; publication of university catalogs and schedule of classes; course registration; transcript requests; interpreting and articulating academic policies and procedures; evaluating transfer credits; publication of the final exam schedule; FERPA training and compliance; certifying completion of degree

Graduation Requirements

The Doctor of Osteopathic Medicine (D.O.) degree is conferred upon candidates who have satisfactorily completed all academic requirements, any requirements stipulated by the Student Promotion and Academic Progress Committee and the Committee on Professionalism and Ethics and satisfied all financial obligations.

The items that follow provide a descriptive overview of the individual elements needed for graduation from MU-COM:

- Satisfactory completion of all pre-clerkship and clerkship coursework. A minimum of two years must have been completed at Marian University College of Osteopathic Medicine.

  Completion of a minimum of 195 credit hours with a minimum 2.00 cumulative GPA.

  Satisfactory completion of all requirements for graduation in 6 years unless they are approved for a LOA to seek an additional degree, or are not making progression toward graduation requirements and receive approval from the Assistant/Associate Dean of Student Affairs.

- Successful completion of COMLEX-USA Level 1, Level 2 Cognitive Evaluation, and Level 2 Performance Evaluation examinations prior to graduation from MU-COM with a D.O. degree, unless an examination is not administered by the NBOME.

- Compliance with the

Year 2

Semester	Course Number	Course Title	Credit Hours
Fall	MED 627	Neurology, EENT, and Motor Systems	9
Fall	MED 715	Introduction to Clinical Medicine 3	3
Fall	MED 716	Osteopathic Principles and Practice 3	3
Fall	MED 717	Dermatology, Immunology, Skeletal Muscle, Orthopedics	7.5
Fall Total			**22.5**
Spring	MED 718	GI, Endocrine, and Metabolism	7.5

Catalog of Courses

An alphabetical list of course descriptions is printed on the following pages. Each course is identified by a code of three letters and a three-digit number. The number of credits per course is listed.

Numbers 500 and above designate graduate level courses.

Not all courses listed in this catalog are offered each semester. The rotation code of each course is indicated at the end of the course description. The codes are as follows:

SEM – every semester
FAL – every fall
SPR – every spring
SUM – summer
2FO – every fall of the odd year
2FE – every fall of the even year
2SO – every spring of the odd year
2SE – every spring of the even year
ADD – at the discretion of the department

Prior to the beginning of registration, a schedule of classes is distributed and used as the immediate guide for planning the student's schedule. The university reserves the right to add to or delete from the semester's schedule as registrations warrant.

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MED 718 GI, Endocrine, and Metabolism **7.5 credits**

There are two major components of the GEM course. The initial focus of the course is on biomedical aspects of the normally functioning gastrointestinal tract and hepatic, biliary, and exocrine pancreatic functions as well as the pathophysiology of various disease states of these systems. Following this, the course covers the glands and the

MED 8XX Core Clinical Clerkships **5 credits**

The core clinical clerkships are designed to provide students with exposure to a comparable variety, scope, and breadth of clinical experiences, through patient encounters and assigned learning activities. The clinical experiential learning opportunities reinforce and expand students' understanding of concepts introduced during the first two years of the curriculum. Through guided practice, students will learn how to transfer that knowledge and skill to increasingly complex situations with increasing autonomy. (SEM)

MED 929 Osteopathic Principles and Practice 6 **2 credits**

This is a longitudinal online course that runs during the fourth year of the DO program. The course will include didactic modules, hands-on training opportunities that are verified through patient encounter submissions, and on-campus OPP training opportunities. In this course, students will apply the OPP tenets to the most common outpatient clinical diagnoses encountered. As part of the longitudinal OPP curriculum, this course will focus on refining appreciation and application of basic science and clinical knowledge obtained in the first three years in preparation for internship years. Instruction and application of knowledge will be directed at recognizing opportunities to apply osteopathic principles competently and efficiently in the clinical setting. (SEM)

MED/SUR 9XX 6

PEOPLE

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Aurorium

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CAPTRUST

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President & CEO
Citizens Energy Group

John J. Hart '86
Founder/CEO
J. Archer Investments LLC

Linda M. Hicks
VP of Midwest Operations, Retired
ECC Horizons

Sr. Margaret Horney, OSF '75
Congregational Treasurer
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Sr. Joetta Huelsmann, PHJC
Poor Handmaids of Jesus Christ

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Chief Physician Executive
Community Physician Network

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John H. Grogan
Eugene Henn
S. Michael Hudson
William Kelsey '61
Joseph T. Kuzmitz '75
James F. Matthews
Robert H. McKinney
Charles O'Drobinak
Msgr. Joseph Schaedel, M.S., M.Div. '70
Joseph L. Smith, Sr. '71
D. Anthony Watt '69, Chairman Emeritus
Mary L. Welch '68
Raul Zavaleta
Judge Gerald S. Zore '63

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President
B.A., Nebraska Wesleyan University, 1977
B.S., Nebraska Wesleyan University, 1977
M.S., University of Nebraska, 1980

Binh Tran, Ph.D. (2021)
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B.S, University of California San Diego, 1990
M.S., San Diego State University, 1995
Ph.D., University of Iowa, 1999

Kenith C. Britt, Ph.D. (2013)
Chief Operating Officer/ Chancellor, Indianapolis campus
B.A., West Liberty University, 2002
M.A., Marshall University, 2006

FACULTY AND STAFF EMERITI

Timothy R. Akin, MBA, CPA, CFP, PFS (1975 – 2015)
Professor of Accounting & Finance, Emeritus

Susan Beesley, Ph.D. (1987-2019)
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Laurel Camp, Ph.D. (1991-2024)
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Thomas J. Enneking, Ph.D. (2005-2018)
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Shirley J. Friedman, MSN, RN (1978-2000)
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John A. Hill, M.A. (1988-2013)
Registrar, Emeritus

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Profess of Music, Emeritus

Kathy Marra, M.B.A

Douglas Uselding, Ph.D., H.S.P.P. (2003 – 2016)
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Constance Wesner, M.S.Ed. (1974-2005)
Associate Dean for Academic Affairs, Emerita

Sister Olga Wittekind, OSF, Ph.D. (1972-2000)
Professor of Psychology, Emerita

Megan Wright, M.F.A (1986 – 2016)
Associate Professor of Art, Emerita

Sister Monica Zore, OSF, M.A. '70 (1983-2022)
Assistant Professor of Mathematics, Emerita

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