From:	Smith, Randy
To:	Ferketich, Amy
Cc:	Sutherland, Sue; Smith, Randy; Griffiths, Rob; Miriti, Maria; Reed, Katie; Duffy, Lisa; Hunt, Ryan; Song, Paula; Bittner, Brandi; Lemon, Jason; Brown, Trevor
Subject:	Proposal to change the delivery mode of the MS specialization in Biomedical Informatics to online
Date:	Friday, April 10, 2026 11:41:12 AM
Attachments:	image001.png

Amy:

The proposal from the College of Public Health to change the delivery mode of the MS specialization in Biomedical Informatics to online was approved by the Council on Academic Affairs at its meeting on April 8, 2026. Thank you for attending the meeting to respond to questions/comments.

No additional level of internal review/approval is necessary. This action will be included in the Council's next Annual Activities Report to the University Senate (July 2026).

The Office of the University Registrar will work you with any implementation issues.

Please keep a copy of this message for your file on the proposal and I will do the same for the file in the Office of Academic Affairs.

If you have any questions please contact the Chair of the Council, Professor Sue Sutherland (.43), or me.

Randy

THE OHIO STATE UNIVERSITY

W. Randy Smith, Ph.D.
Vice Provost for Academic Programs
Office of Academic Affairs
University Square South, 15 E. 15th Avenue, Columbus, OH 43201
614-292-5881 Office
smith.70@osu.edu
Assisted by:
Katie Reed
Executive Assistant
(614) 292-5672

TO: Randy Smith, Vice Provost for Academic Programs

FROM: Graduate School Curriculum Services

DATE: **2/23/2026**

RE: Proposal to **Revise the MS in Biomedical Informatics to Online Delivery** in **The College of Public Health**

The **College of Public Health** is proposing a **Revision to the MS in Biomedical Informatics to Online Delivery.**

The proposal was received by the Graduate School on **9/30/2025**. The combined GS/CAA subcommittee first reviewed the proposal on **10/29/2025** and, pending completion of the required MOU, supported its review by the Council on Academic Affairs. The completed MOU was received on **2/23/2026**.

College of Public Health

1841 Neil Ave.
Columbus, OH 43210
614-292-7326
Ferketich.1@osu.edu

October 9, 2025

Dr. Randy Smith
Vice Provost for Academic Programs
The Ohio State University

Dear Dr. Smith,

The College of Public Health is changing the delivery mode of the MS specialization in Biomedical Informatics (BMI) to be online. Due to organic movement of many graduate classes in the College of Public Health and the Department of Biomedical Informatics, it has become increasingly difficult for students to complete any courses in-person. Hence, we are moving the program to be delivered fully online. However, because there are both in-person and online versions of some of the classes, students will have an option of creating a hybrid curriculum. However, over 50% of the courses are only delivered online. Therefore, we would like to discontinue the in-person MS BMI program.

The Academic Studies Governance Committee in the College of Public Health approved this revision at their September 19, 2025 meeting. The goal is to implement the revised curriculum effective AU26. The proposed curricular change will have no adverse impact on current students relative to increased credit, costs, or time-to-degree.

If feasible, we would appreciate an expedited review and approval.

Sincerely,

Amy K. Ferketich, PhD
Associate Dean of Academic and Student Affairs

College of Public Health

1841 Neil Ave.
Columbus, OH 43210
614-292-7326
Ferketich.1@osu.edu

October 9, 2025

Dr. Maria Miriti
Associate Dean of Academic Affairs
The Ohio State University Graduate School

Dear Dr. Miriti,

Please accept this notice of revision to the Master of Science curriculum plan for the Biomedical Informatics specialization offered by the College of Public Health.

The Academic Studies Governance Committee in the College of Public Health approved this revision at their September 19, 2025 meeting. The change is a result of the classes moving online over the past few years. Many master's classes in the College of Public Health offer online formats and the Department of Biomedical Informatics developed asynchronous courses for their certificates. Thus, over time it has become more difficult for a student to complete the MS in BMI by taking primarily in-person courses. No current learning goals, objectives and/or the assessment plan will change for the degree. A revised curriculum guide, which includes a term-by-term plan, illustrating the changes in the degree is attached. The MOU for OSO will be submitted directly to the Graduate School. The modifications include:

- PUBHEPI 7410 (4 credit hours) will no longer be required. This in-person class will be replaced with BMI 7810 (3 credit hours, DL). This results in one fewer specialization hour.
- The BMI 7000+ level requirement will be replaced with a BMI 5000+ level requirement, as there are more online options at the 5000+ level.
- The ethics course requirement will change from 2-3 hours to 3 hours, so only 3 credit-hour options will be available due to there no longer being a 2 credit hour ethics course offered.
- The total number of hours will be 47 credit hours from 48 credit hours.

Because there are both in-person and online versions of some of the classes, students will have an option of creating a hybrid curriculum. However, over 50% of the courses are only delivered online. Therefore, we would like to discontinue the in-person MS BMI program.

The proposed curricular change will have no adverse impact on current students relative to increased credit, costs, or time-to-degree. Current students are able to access the curriculum guide from the time of entry on the College of Public Health website and are aware that their degree requirements differ from students entering prior years.

The goal is to implement the revised curriculum effective AU26. If feasible, we would appreciate an expedited review and approval.

Sincerely,

Amy K. Ferketich, PhD

Biomedical Informatics (BMI) specialization proposal to transition the MS program to Online Masters Programs

Justification

With the general shift towards online delivery in the College of Public Health and the Department of BMI, courses in the MS program are now mostly offered as distance learning. Based on university policies that require 50% of classes to be in person to have an in-person master's program, we propose to change the MS to an Online Masters Programs.

Detailed Curricular Changes

MS in Public Health with Specialization in Biomedical Informatics	
Current State	**Proposed Change**
The MS curriculum includes PUBHEPI 7410 Epidemiology II & Lab, (4 credit hours) as a required specialization course. This course is delivered in-person only. BMI 7810 Research Design & Method Approaches (3 credit hours) is a recommended elective.	Remove the PUBHEPI 7410 (4 credit hours) requirement to ensure that students can take an entirely online masters if desired. We will replace it with BMI 7810 (3 credit hours). Both courses deal with study design and choice of methodology. 7810 is geared more towards BMI methods and is offered as a distance learning course. This will result in 1 fewer credit hour in the Required Specialization Courses.
The MS curriculum has a requirement of a 7000+ BMI course to ensure that students take an advanced course of their choice in BMI.	Given that we are adding BMI 7810 as a required course, we will change the required 7000+ BMI course to a required 5000+ BMI course. This will allow for more flexibility in scheduling as there are a limited number of 7000+ courses.
Students choose from a 2 or 3 credit hour ethics course	Students choose a 3 credit hour ethics course
1. Required Foundational Courses (9 cr) 2. Required Specialization Courses (23-24 cr) 3. Electives (9-10 cr) 4. Thesis (6 cr) **Total: 47-49 credit hours**	1. Required Foundational Courses (9 cr) 2. Required Specialization Courses (23 cr) 3. Electives (9 cr) 4. Thesis (6 cr) **Total: 47 credit hour**

THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE

Effective Summer 2025

2025~~5~~6-2026~~6~~7 Curriculum Guide for online Master of Science degree program with a specialization in BIOMEDICAL INFORMATICS

The Online Master of Science (MS) degree is intended for students whose interests in Biomedical Informatics (BMI) are academically oriented rather than directed toward professional practice. The MS degree is a natural entry point for students who are qualified to pursue a PhD degree which requires broader scope and depth of content via additional didactic courses and more intensive research emphasis. To reflect this research and academic orientation, the MS degree requires preparation and defense of a hypothesis-based thesis. The MS degree typically can be completed within two years.

Students admitted to the MS degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning a program with a specialization in Biomedical Informatics, but is not inclusive of all important degree, college, and university requirements. ~~This is not considered an online degree program; however, students will enroll in a combination of courses designed for on-campus in-person delivery (IP), distance learning (DL), or hybrid (HY).~~ All students are expected to be familiar with the College of Public Health (CPH) Graduate Student Handbook: https://cph.osu.edu/students/graduate/student-handbook, the Graduate School Handbook: https://gradsch.osu.edu/graduate-school-handbook-gsh and the CPH competencies: https://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

The MS-BMI curriculum requires 4~~8~~7 credit hours.

Required Foundation Courses (9 credit hours)

PUBHLTH 6010	Essentials of Public Health (DL~~ or IP~~)	3 credit hours
PUBHBIO 6210	Applied Biostatistics I (DL)	3 credit hours
PUBHEPI 6410	Principles of Epidemiology (DL)	3 credit hours

Required Specialization Courses (23~~-24~~ credit hours)

PUBHBIO 6211	Applied Biostatistics II (DL~~ or IP~~)	3 credit hours
PUBHBIO 6000+	Advanced Coursework in Biostatistics (~~mostly~~ DL)	3 credit hours
~~PUBHEPI 7410~~	~~Epidemiology II & Lab (IP)~~	~~4 credit hours~~
BMI 5710	Introduction to Biomedical Informatics (IP or DL)	3 credit hours
BMI 5760	Public Health Informatics (DL)	3 credit hours
BMI 7810	Research Design & Grant Preparation in Biomedical Informatics (DL)	3 credit hours
BMI 7891	Seminars in Biomedical Informatics (must take this 1 credit course **twice**) (DL)	2 credit hours
BMI 5~~7~~000+	Advanced Coursework in Biomedical Informatics (DL or IP)	3 credit hours

Ethics course requirement - select one course:

BIOETHIC 6010	Biomedical Research Ethics (DL)	3 credit hours
~~BIOPHRM 7510~~	~~Professional and Ethical Issues in Biomedical Sciences (IP)~~	~~2 credit hours~~
NURSING 7781	Responsible Conduct of Research (DL)	3 credit hours

Recommended Electives (9~~-10~~ credit hours)**

BMI 5551	Survey of AI/ML in Digital Health	3	BMI 7530	Proteomics Data Analysis	3
BMI 5552	AI/ML Applications in Medical Imaging	3	BMI 7810	Research Design & Method Approaches	3
BMI 5553	Predictive Analytics in Electronic Health Records	3	BMI 7830	Systems Biology	3

BMI 5554	Natural Language Processing in Biomedical Research	3	BMI 8030	Special Topics in Comp. Biol	Varies
BMI 5730	Introduction to Bioinformatics	3	BMI 8130.01	Analysis and Applications of Genome-Scale Data	3
BMI 5740	Introduction to Research Informatics	3	BMI 8140	Measuring patient experiences and preferences	3
BMI 5750	Methods in Biomedical Informatics	3	BMI 8150	Rigorous and Reproducible Design & Data Analysis	3
BMI 5770	Health Analytics: Data to Discovery to Dissemination	3	PUBHBIO 6250	Regression Methods for the Health Sciences	3
BMI 5780	Programming for BMI	3	PUBHBIO 6270	Intro to SAS for Pub Hlth Students	2
BMI 7040	Clinical Informatics	3	PUBHEHS 6310	Principles of Envi Health Science	3
BMI 7050	Meta-Analysis in Health Science Research	3	PUBHHMP 7678	Approaches to Health Services Research	3
BMI 7235	Applications if Machine Learning for Bioinformatics	3	PUBHHMP 7682	Info Sys for Health Service Org	3
PUBHEPI 6412	Prin Clinical & Transl. Science	3	CSE 5231	Software Engineering Techniques	2
PUBHEPI 6413	Conduct & Comm Research in CTS	2	CSE 5241	Introduction to Database Systems	2
PUBHEPI 6431	Design & Implement Health Surveys	2	CSE 5521	Survey of Artificial Intel I: Basic Tech	2
PUBHEPI 7430	Epidemiology III	3	CSE 5522	Survey of Artificial Intel II: Adv Tech	3

** Students should work with staff and faculty academic advisors in the Department of Biomedical Informatics to identify suitable electives.

Thesis (6 credit hours)

BMI 7999 Research in Biomedical Informatics 6 credit hours

Sample 2-year Curriculum Plan for the Master of Science in Biomedical Informatics [1]

TERM	COURSE	COURSE TITLE	CREDIT HOURS	TERM(S) OFFERED	DELIVERY MODE
Year 1 Autumn	PUBHBIO 6210	Applied Biostatistics I	3	AU, SP	DL
	PUBHEPI 6410	Principles of Epidemiology	3	AU	DL
	BMI 5710	Introduction to Biomedical Informatics	3	AU	DL
	ELECTIVE		3		
Year 1 Spring	PUBHBIO 6211	Applied Biostatistics II	3	AU, SP	DL~~, IP~~
	~~PUBHEPI 7410~~	~~Epidemiology II & Lab~~	~~4~~	~~SP~~	~~IP~~
	BMI 7810	Research Design and Methodological Approaches in Biomedical Informatics	3	SP	DL
	ELECTIVE		3		
	PUBHLTH 6010	Essentials of Public Health	3	SP	DL~~HY~~
	BMI 7891	Seminar in Biomedical Informatics	1	AU, SP	DL
Year 1 Summer	ELECTIVE		2-3		
Year 2 Autumn	PUBHBIO 6000+		3	AU, SP	DL~~, IP~~
	BMI 5760	Public Health Informatics	3	AU	DL
	BMI 7999	Research in Biomedical Informatics (Thesis)	6		
	BMI 7891	Seminar in Biomedical Informatics	1	AU, SP	DL
Year 2 Spring	BMI 5~~7~~000+	Advanced Biomedical Informatics Coursework	3	AU, SP	DL~~, IP~~
	ETHICS COURSE		~~2~~ 3	AU, SP	DL~~, IP~~

Grade Policy:

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in Foundation and specialization courses. Students should familiarize themselves with Section 12 of the College of Public Health Graduate Student Handbook.

College of Public Health - Office of Academic Programs and Student Services (OAPSS)

OAPSS staff are available to assist with College, Graduate School and University policies and procedures.

(614) 292-8350 100 Cunz Hall 1841 Neil Ave Columbus, Ohio 43210 cph.osu.edu. Questions regarding the student's program of study should be directed to their advisor.

[1] A sample 3 year program is available by request from the Department of Biomedical Informatics. Please contact bmi.education@osumc.edu

THE OHIO STATE UNIVERSITY
COLLEGE OF PUBLIC HEALTH

THE OHIO STATE UNIVERSITY
COLLEGE OF MEDICINE

Effective Summer 2025

2026-2027 Curriculum Guide for online Master of Science degree program with a specialization in BIOMEDICAL INFORMATICS

The Online Master of Science (MS) degree is intended for students whose interests in Biomedical Informatics (BMI) are academically oriented rather than directed toward professional practice. The MS degree is a natural entry point for students who are qualified to pursue a PhD degree which requires broader scope and depth of content via additional didactic courses and more intensive research emphasis. To reflect this research and academic orientation, the MS degree requires preparation and defense of a hypothesis-based thesis. The MS degree typically can be completed within two years.

Students admitted to the MS degree program are assigned a faculty advisor who will provide guidance throughout the program. This document serves as a resource to be used by the student and the advisor in planning a program with a specialization in Biomedical Informatics, but is not inclusive of all important degree, college, and university requirements. All students are expected to be familiar with the College of Public Health (CPH) Graduate Student Handbook: https://cph.osu.edu/students/graduate/student-handbook, the Graduate School Handbook: https://gradsch.osu.edu/graduate-school-handbook-gsh and the CPH competencies: https://go.osu.edu/cphcompetencies.

PROGRAM OF STUDY

The MS-BMI curriculum requires 47 credit hours.

Required Foundation Courses (9 credit hours)

PUBHLTH 6010	Essentials of Public Health (DL)	3 credit hours
PUBHBIO 6210	Applied Biostatistics I (DL)	3 credit hours
PUBHEPI 6410	Principles of Epidemiology (DL)	3 credit hours

Required Specialization Courses (23 credit hours)

PUBHBIO 6211	Applied Biostatistics II (DL)	3 credit hours
PUBHBIO 6000+	Advanced Coursework in Biostatistics (DL)	3 credit hours
BMI 5710	Introduction to Biomedical Informatics (IP or DL)	3 credit hours
BMI 5760	Public Health Informatics (DL)	3 credit hours
BMI 7810	Research Design & Grant Preparation in Biomedical Informatics (DL)	3 credit hours
BMI 7891	Seminars in Biomedical Informatics (must take this 1 credit course **twice**) (DL)	2 credit hours
BMI 5000+	Advanced Coursework in Biomedical Informatics (DL or IP)	3 credit hours

Ethics course requirement - select one course:

BIOETHIC 6010	Biomedical Research Ethics (DL)	3 credit hours
NURSING 7781	Responsible Conduct of Research (DL)	3 credit hours

Recommended Electives** (9 credit hours)

BMI 5551	Survey of AI/ML in Digital Health	3	BMI 7530	Proteomics Data Analysis	3
BMI 5552	AI/ML Applications in Medical Imaging	3	BMI 7810	Research Design & Method Approaches	3
BMI 5553	Predictive Analytics in Electronic Health Records	3	BMI 7830	Systems Biology	3
BMI 5554	Natural Language Processing in Biomedical Research	3	BMI 8030	Special Topics in Comp. Biol	Varies

BMI 5730	Introduction to Bioinformatics	3	BMI 8130.01	Analysis and Applications of Genome-Scale Data	3
BMI 5740	Introduction to Research Informatics	3	BMI 8140	Measuring patient experiences and preferences	3
BMI 5750	Methods in Biomedical Informatics	3	BMI 8150	Rigorous and Reproducible Design & Data Analysis	3
BMI 5770	Health Analytics: Data to Discovery to Dissemination	3	PUBHBIO 6250	Regression Methods for the Health Sciences	3
BMI 5780	Programming for BMI	3	PUBHBIO 6270	Intro to SAS for Pub Hlth Students	2
BMI 7040	Clinical Informatics	3	PUBHEHS 6310	Principles of Envi Health Science	3
BMI 7050	Meta-Analysis in Health Science Research	3	PUBHHMP 7678	Approaches to Health Services Research	3
BMI 7235	Applications if Machine Learning for Bioinformatics	3	PUBHHMP 7682	Info Sys for Health Service Org	3
PUBHEPI 6412	Prin Clinical & Transl. Science	3	CSE 5231	Software Engineering Techniques	2
PUBHEPI 6413	Conduct & Comm Research in CTS	2	CSE 5241	Introduction to Database Systems	2
PUBHEPI 6431	Design & Implement Health Surveys	2	CSE 5521	Survey of Artificial Intel I: Basic Tech	2
PUBHEPI 7430	Epidemiology III	3	CSE 5522	Survey of Artificial Intel II: Adv Tech	3

**** Students should work with staff and faculty academic advisors in the Department of Biomedical Informatics to identify suitable electives.

Thesis (6 credit hours)

BMI 7999 Research in Biomedical Informatics 6 credit hours

Sample 2-year Curriculum Plan for the Master of Science in Biomedical Informatics [1]

TERM	COURSE	COURSE TITLE	CREDIT HOURS	TERM(S) OFFERED	DELIVERY MODE
Year 1 Autumn	PUBHBIO 6210	Applied Biostatistics I	3	AU, SP	DL
	PUBHEPI 6410	Principles of Epidemiology	3	AU	DL
	BMI 5710	Introduction to Biomedical Informatics	3	AU	DL
	ELECTIVE		3		
Year 1 Spring	PUBHBIO 6211	Applied Biostatistics II	3	AU, SP	DL
	BMI 7810	Research Design and Methodological Approaches in Biomedical Informatics	3	SP	DL
	ELECTIVE				
	PUBHLTH 6010	Essentials of Public Health	3		
	BMI 7891	Seminar in Biomedical Informatics	3	SP	DL
			1	AU, SP	DL
Year 1 Summer	ELECTIVE		2-3		
Year 2 Autumn	PUBHBIO 6000+		3	AU, SP	DL
	BMI 5760	Public Health Informatics	3	AU	DL
	BMI 7999	Research in Biomedical Informatics (Thesis)	6		
	BMI 7891	Seminar in Biomedical Informatics	1	AU, SP	DL
Year 2 Spring	BMI 5000+	Advanced Biomedical Informatics Coursework	3	AU, SP	DL
	ETHICS COURSE		3	AU, SP	DL

Grade Policy:

In addition to the general Graduate School requirements of a cumulative grade point average of 3.0 or higher, students must meet specific college policies regarding grades in Foundation and specialization courses. Students should familiarize themselves with Section 12 of the College of Public Health Graduate Student Handbook.

College of Public Health - Office of Academic Programs and Student Services (OAPSS)

OAPSS staff are available to assist with College, Graduate School and University policies and procedures.
(614) 292-8350 100 Cunz Hall 1841 Neil Ave Columbus, Ohio 43210 cph.osu.edu. Questions regarding the student's program of study should be directed to their advisor.

[1] A sample 3 year program is available by request from the Department of Biomedical Informatics. Please contact bmi.education@osumc.edu

Memorandum of Understanding

Online Program

Between

Master of Science/Master of Public Health – Biomedical Informatics
College of Public Health and College of Medicine
The Ohio State University

And

Ohio State Online
The Ohio State University

Purpose

The purpose of this Memorandum of Understanding (MOU) is to acknowledge that **MS and MPH – Biomedical Informatics** has met or exceeded the modality substantive change threshold—making the program an online (ONL) program or is a new online (ONL) program for the university and will meet the requirements for an online program in partnership with Ohio State Online.

Term of MOU

This MOU will become effective upon obtaining all necessary signatures and will remain in effect for the life of the program.

Services Provided for Program Launch

As an online (ONL) program this program will receive Ohio State Online support, such as market research, student acquisition of online (ONL) program students, ongoing online (ONL) program student support, online (ONL) program and course design and development, and state authorization and licensure research and disclosures (if applicable). The initial marketing and staffing support will depend on the funding request support agreed to in the funding MOU. Per OAA funding guidelines for new online programs, there will be a separate funding request (funding MOU) to support the start-up of these services until the revenue attribution is recognized via the Ohio State budget model. Without this funding, the program's launch will not be as strong or robust as desired.

Based on pre-approval planning conversations, this program may leverage the following Ohio State Online services:

Online Enrollment Services: Generating and finding quality prospective online (ONL) program students dependent on initial funding, selling prospective students on the online (ONL) program and Ohio State, helping re-enroll and retain online (ONL) program students each term to help them reach graduation, and supporting the college to achieve steady-state revenue streams.

Online Instruction Services: Reviewing and recommending evidence-based online (ONL) program curricular design to best meet and support the intended audience and enrollment goals; providing and encouraging online (ONL) program instructor professional learning opportunities; and partnering with instructors for initial online (ONL) program course design, development, and ongoing course updates.

Ohio State Online and college program relationship contacts listed below will have ongoing check-ins and strategy sessions to evolve online (ONL) program services and programs to achieve shared goals. Service activities will be aligned for the online (ONL) program during these meetings.

Table of Program Relationship Contacts

Units	College / Department / Campus	Ohio State Online
Organization Oversight	Paula Song, Dean CPH Amy Moore, Interim Dean COM	Jason Lemon, Dean
Administrative Oversight	Amy Ferketich, PhD CPH Jennifer Gold, MD, FAAP COM	- John Muir, Director, Online Learning and Innovation - Brandi Bittner, AVP, Online Enrollment
Program Oversight	Courtney Herbert, MD COM	- John Muir, Director, Online Learning and Innovation - Brandi Bittner, AVP, Online Enrollment
Course Oversight	Courtney Herbert, MD COM	Assigned OSO program / course design director, assigned Instructional Designer
Student Support Oversight	Gabrielle Kokanos COM	Assigned Reenrollment Team
Marketing/Recruiting Oversight	Wes Grunden, CPH	Assigned Marketing Manager and Recruiting lead
Fiscal Oversight	Stephen Edwards, Asst. Dean CPH Bryan Pyles, Assoc. VP of Finance COM	Jon Rucker, Director, Online Financial Strategy and Analysis

Signatories

By signing this MOU, all groups agree to be active partners and to abide by this agreement:

Program Director DocuSigned by: Courtney L Hebert C2A315D85DEC486...	Date: 02/09/2026
Department Chair DocuSigned by: Amy Ferketich EA9913EC3BA2496...	Date: 02/09/2026
College Fiscal Officer DocuSigned by: Stephen Thomas Edwards FA206DC878AA453... DocuSigned by: Bryan Pyles ABADB5331CEC4A4...	Date: 02/10/2026 02/13/2026
Curricular Associate Dean Signed by: Jennifer Gold F0C434D8518B45B...	Date: 02/14/2026
Dean Signed by: Paula Song 847496EE9322485... DocuSigned by: CD08380548334F9...	Date: 02/15/2026 02/15/2026
Vice Provost and Dean of Online Learning DocuSigned by: Jason Edward Lemon 9C19184E034F41C...	Date: 02/15/2026

Online Program Attributes

Program Working Title:	Master of Science and Master of Public Health – Biomedical Informatics
Anticipated CAA approval date for ONL modality:	Spring 2026
Anticipated ODHE approval date for ONL modality:	Spring 2026

Program level:	☐ Associate	☐ Undergraduate	☒ Graduate	☐ Professional

Approval type:	☐ New program	☒ Change of delivery	☐ Certificate Type:	☐ Stackable	☐ Other

If applicable, will the program continue to offer an on-ground version? (Note, notification to CAA and Ohio State Online will be necessary if an approved program modality is no longer offered.)	☐ Yes	☒ No
Percentage of courses offered online for this program?	100%	
If other, please explain:		

Anticipated term for first enrollment intake:	AU26
(Note, marketing and recruitment will begin about 6 months prior to first enrollment term.)	

Will this program have a differential fee structure?	☐ Yes	☒ No
If yes, please explain justification:		

Total credit hours for program:	47

Does this program have mandatory onsite training components? (e.g., practicum, residency, or internship)	☐ Yes	☒ No
If yes, please explain:		

Does this program have any non-mandatory onsite training components? (e.g., orientation)	☐ Yes	☒ No
If yes, please explain:		

Has the funding MOU for this program been signed? Funding level provided by the college: Launch funding accelerates enrollment growth and ROI. Without it, ramp-up slows and financial sustainability is uncertain.	☐ Yes ☐ Full	☒ No ☐ Partial

Online Program Courses

The online program course delivery strategy at launch is outlined in the table below.

Note: the information in the first row of the table is included only to provide an example of how the information should be formatted.

Course Code and Name	**Current Delivery Mode(s)*** (how course has been offered previously: in person, hybrid, distance learning, N/A - new course)	**Core or Elective**	**Asynchronous or Synchronous or Both**	**First Term and Session (if applicable) this Course will be Offered as part of this Online Program**	**Other terms and sessions (if applicable) this course be offered (None, AU25, SP25, SU25)**
PUBHLTH 6210: Applied Biostatistics (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 6013: Current Topics in Environmental Public Health (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 6014: Epidemiology through Disease Investigations (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 6015: Evaluating Public Health Programs (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 6016: Public Health and Healthcare Systems (MPH)	Distance Learning	Core	Asynchronous		
PUBHBIO 6211 Applied Biostatistics II (MPH, MS)	Distance Learning	Core	Asynchronous		
BMI 5710: Intro to Biomedical Informatics (MPH, MS)	Distance Learning	Core	Asynchronous		
BMI 5740: Introduction to Research Informatics (MPH)	Distance Learning	Core	Asynchronous		
BMI/PUBHLTH 5760: Public Health Informatics (MPH, MS)	Distance Learning	Core	Asynchronous		
BMI 7000+ Advanced Courseworks in BMI (MPH)	Distance Learning	Core	Asynchronous		
BMI 7891: Seminars in BMI (MPH, MS)	Distance Learning	Core	Asynchronous		
BIOETHIC 6010: Biomedical Research Ethics (MPH, MS)	Distance Learning	Core	Asynchronous		
NURSING 7781: Responsible Conduct of Research (MPH, MS)	Distance Learning	Core	Asynchronous		
BMI 5551: Survey of AI/ML in Digital Health (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5552: AI/ML Applications in Medical Imaging (MPH, MS)	Distance Learning	Elective	Asynchronous		

BMI 5553: Predictive Analytics in Electronic Health Records (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5554: Natural Language Processing in Biomedical Research (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5730: Intro to Bioinformatics (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5750: Methods in BMI (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5770: Health Analytics: Data to Discovery to Dissemination (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 5780: Programming for BMI (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 7040: Clinical Informatics (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 7050: Meta-Analytics in Health Science Research (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 7235: Applications in ML for Bioinformatics (MPH, MS)	Distance Learning	Elective	Asynchronous		
BMI 7530: Proteomics Data Analysis (MPH)	Distance Learning	Elective	Asynchronous		
PUBHLTH 7189: Applied Practice Experience in Public Health (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 7998: Integrative Learning Experience in Public Health (MPH)	Distance Learning	Core	Asynchronous		
PUBHLTH 6010: Essentials of Public Health (MS)	Distance Learning	Core	Asynchronous		
PUBHBIO 6210: Applied Biostatistics (MS)	Distance Learning	Core	Asynchronous		
PUBHEPI 6410: Principles of Epidemiology (MS)	Distance Learning	Core	Asynchronous		
PUBHBIO 6000+: Advanced Coursework in Biostatistics (MS)	Distance Learning	Core	Asynchronous		
BMI 7810: Research Design & Grant Preparation in BMI (MS)	Distance Learning	Core	Asynchronous		
BMI 5000+: Advanced Coursework in BMI (MS)	Distance Learning	Core	Asynchronous		
BMI 7999: Research in BMI	Distance Learning	Core	Asynchronous		

State Authorization

Ohio State Online will support necessary steps for state authorization approvals and notifications, and the program will abide by federal and state laws and disclosure requirements, for items selected yes.		
Will this program enroll students located outside Ohio?	☒ Yes	☐ No
Is this program designed to lead to professional licensure or certification in any state?	☐ Yes	☒ No
If yes, what is the name of the professional licensure or certification?		
If yes, is professional licensure or certification required to obtain employment/advancement in the field?	☐ Yes	☐ No
Will this program conduct on-ground supervised field experiences such as clinicals, practicums, student teaching or internships?	☐ Yes	☒ No