Bioinformatics (BIIN)

BIIN 6000  Introduction to Bioinformatics (3 credits)
The application of knowledge gained through previous course work in informatics, information systems, mathematics, medical and/or biological research to the design, development, implementation and evaluation of information systems and analysis methods applied to biomedical data.
Prerequisite: BIOL 1004 and CHEM 2112 which may be taken concurrently; and COSC 2100; and cons. of dept. ch.
Level of Study: Graduate
Last four terms offered: 2023 Spring Term, 2021 Spring Term, 2020 Spring Term, 2019 Spring Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206000)

BIIN 6931  Topics in Bioinformatics (3 credits)
Topics vary. Students may enroll more than once as the subject matter changes.
Prerequisite: Cons. of dept. ch.
Level of Study: Graduate
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206931)

BIIN 6947  Medical College of Wisconsin/BIIN-Joint Degree (1-8 credits)
Graduate-level course in selected areas of the life sciences offered at Medical College of Wisconsin.
Prerequisite: Cons. of dept. ch.
Level of Study: Graduate
Last four terms offered: 2024 Spring Term, 2023 Spring Term, 2021 Fall Term, 2021 Spring Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206947)

BIIN 6960  Seminar in Bioinformatics (1-3 credits)
Seminars in research and development tools and applications designed for M.S. in bioinformatics program.
Level of Study: Graduate
Last four terms offered: 2020 Fall Term, 2020 Spring Term, 2019 Fall Term, 2008 Spring Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206960)

BIIN 6980  Practicum in Bioinformatics (3 credits)
An opportunity to participate in the practice of research and/or development in the area of bioinformatics.
Prerequisite: Admitted to BIIN program; BIIN 6000; and cons. of dept. ch.
Level of Study: Graduate
Last four terms offered: 2024 Summer Term, 2023 Summer Term, 2022 Fall Term, 2022 Summer Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206980)

BIIN 6995  Independent Study in Bioinformatics (1-3 credits)
An in-depth study on a topic or subject matter usually not offered in the established curriculum with faculty and independent of the classroom setting.
Prerequisite: Admitted to BIIN program; cons. of dept. ch.
Level of Study: Graduate
Last four terms offered: 2023 Spring Term, 2021 Fall Term, 2019 Spring Term, 2017 Summer Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206995)

BIIN 6999  Master’s Thesis (1-6 credits)
S/U grade assessment.
Prerequisite: Cons. of dept. ch.
Level of Study: Graduate
Last four terms offered: 2023 Spring Term, 2022 Fall Term, 2021 Summer Term, 2021 Spring Term
Schedule of Classes (https://bulletin.marquette.edu/class-search/?details&code=BIIN%206999)