

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: 2023 Spring Term, 2021 Fall Term, 2021 Spring Term, 2020 Fall 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: 2023 Summer Term, 2022 Fall Term, 2022 Summer Term, 2022 Spring 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>)