Biomedical Diagnostics, MS

The International School of Biomedical Diagnostics is a unique and innovative initiative in the exciting and fast-growing field of diagnostics. ASU, along with our academic partner Dublin City University and other industry partners, is creating a critical center of biomedical knowledge and innovation, committed to stimulating economic growth and improving the quality of life globally.

Program Description

Degree Awarded: MS Biomedical Diagnostics

The MS program in biomedical diagnostics is designed to be completed in one year, if enrolled full-time. This degree is offered entirely through ASU's unique online framework and offered primarily in condensed sessions.

The program has four areas that provide the foundation for the degree program:

- application of diagnostics
- business of diagnostics
- science of diagnostics
- technology of diagnostics

Students will complete a culminating experience in which they will work with ASU professors or industry partners on a topic relevant to the diagnostics field.

At a Glance

- College/School: College of Health Solutions
- Location: online

Degree Requirements
30 credit hours including an applied project (BMD 593)

**Required Core (16 credit hours)**
- BMD 502 Foundations of Biomedical Informatics Methods I (3)
- BMD 510 Current Perspectives in Biomedical Diagnostics (3)
- BMD 511 Health Economics, Policy and Payment Models (3)
- BMD 513 Principles of Diagnostic Technology: Immunoassays (4)
- BMD 667 Regulation of Medical Diagnostics (3)

**Other Requirement (3 credit hours)**
- BMD 598 Molecular Diagnostics (3)

**Electives (6 credit hours)**

**Research (2 credit hours)**

**Culminating Experience (3 credit hours)**
- BMD 593 Applied Project (3)

**Additional Curricular Information**
Please see the academic unit for an approved elective list of BMD courses.

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**Admission Requirements**

Applicants must fulfill the requirements of both the Graduate College and the College of Health Solutions.

Applicants are eligible to apply to the program if they have earned a bachelor’s or master’s degree from a regionally accredited college or university in one of the following fields, or a closely related field: biomedical informatics, biology, life sciences, chemistry, biochemistry, engineering, biomedical engineering, business, computer science, supply chain management, health sciences or medical studies.

Applicants must have a minimum of a 3.00 cumulative GPA (scale is 4.00 = "A") in the last 60 hours of a student's first bachelor's degree program, or applicants must have a minimum of 3.00 cumulative GPA (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admission application and application fee
2. official transcripts
3. 2 letters of recommendation
4. statement of purpose
5. proof of English proficiency

**Additional Application Information**
An applicant whose native language is not English (regardless of current residency) must provide proof of English proficiency (students should see the Graduate College requirement [https://students.asu.edu/graduate/proficiency](https://students.asu.edu/graduate/proficiency)).

There are no required admission examinations.

**Attend Online**

ASU offers this program in an online format with multiple enrollment sessions throughout the year. Applicants may view the program description and request more information [here](https://students.asu.edu/graduate/proficiency).

**Application Deadlines**

Fall

Spring

**Contact Information**

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