

INTERDISCIPLINARY PROGRAMS

Bryant University offers Interdisciplinary Programs in the following:

Bachelor of Science in Applied Artificial Intelligence Degree

The Bachelor of Science in Applied Artificial Intelligence provides students with a foundation in artificial intelligence concepts, methods, and tools, followed by applied study within a specific professional context through a selected concentration. The program emphasizes a low-code/no-code approach, integrating technical foundations in data, algorithms, and computational thinking with domain-based applications and the social and ethical considerations associated with AI technologies. Students apply their AI knowledge within their chosen area of focus, such as economics, finance, healthcare, life sciences, or marketing. The curriculum emphasizes analytical reasoning, problem solving, interdisciplinary perspectives, and the responsible use of AI in real-world settings. Graduates are prepared for careers that require applied AI literacy and domain-specific analytical skills, as well as for continued study in related fields.

Bachelor of Science in Health Informatics

Informatics programs teach students to use data-centric approaches to solve problems and involve the application of data in a meaningful way. Informatics is a collaborative activity that involves people, processes, and technologies.

Bachelor of Science with a Major in Health Sciences

The Bachelor of Science with a major in Health Sciences is designed to provide students with a fully integrated and comprehensive curriculum to prepare them for a variety of careers within the health sciences and healthcare sector. The program core, which fuses courses in the sciences, communication, and psychology, will expose students to the multiple facets of health and introduce them to a variety of careers in health care and related professions. Depending on interest and career aspirations, students will then select upper-level courses that are aligned with one of our three tailored tracks (general health sciences, neuroscience and nutrition) and meet requirements for admission to graduate level clinical and non-clinical programs, as well as the employment sector.

Our unique emphasis on interdisciplinary study and the tailored tracks, coupled with expert faculty and the infusion of experiential learning opportunities, gives students the flexibility to explore different facets of health-related professions. This, combined with the core business skills a Bryant education provides, will equip students with a truly unique skill set enabling them to solve problems and be successful in multiple areas of the health industry.

The program coordinator and designated faculty mentors will provide the counseling required for students to select courses and explore career opportunities in this expansive and lucrative sector.

American Studies Concentration

The American Studies Concentration is an interdisciplinary program of study that encourages a deeper understanding of the peoples and cultures of the United States and an appreciation of their place

in the changing world. American Studies uses a range of materials, methodologies, and disciplinary perspectives to illuminate topics ranging from politics to popular culture. This is an 18-credit concentration. Students must have a primary concentration in the College of Business or a major in the College of Humanities and Social Sciences or major in the College of Health and Behavioral Sciences.

Applied Analytics Concentration

The Applied Analytics Program at Bryant University is an 18-credit interdisciplinary concentration that provides students with a solid foundation in integrating technology and analytical methods to acquire, analyze and apply information for projects in diverse areas such as literary and historical text analysis, social media and web analytics, bioinformatics and business decision making. Applied Analytics is a second concentration that must be taken concurrently with a required primary major in the College of Humanities and Social Sciences, College of Health and Behavior Sciences or concentration in the College of Business. In this manner, students not only gain exposure to, and skills in, applied analytics but they also acquire a strong foundation in their chosen discipline to provide the context in which applied analytics may be used effectively.

Ethnic Studies Concentration

The Ethnic Studies Concentration is a liberal arts interdisciplinary program, focusing on the study of race, ethnicity, and indigeneity within the broader context of inclusion and diversity. Concentrators study the historical socio-cultural experiences and perspectives of United States ethnically and racially marginalized communities. Designed to increase the understanding of historically underrepresented racial/ethnic social groups, at the intersection of gender and social class, the program aims at preparing students to work and live successfully as good citizens in a diverse and globalized society.

Women, Gender, and Sexuality Studies Concentration

The Women, Gender, and Sexuality Studies Concentration is a liberal art, interdisciplinary program that offers students the opportunity to apply a critical lens to fundamental structures of human interaction and cultural production. Students learn about current scholarship in women's history and culture, gender studies, sexuality studies, and feminist theory. Questions motivating this scholarship include: How have gender and sexuality been used as systems of social control throughout history? How have they served as catalysts for social change? Are gender and sexuality biologically determined or socially constructed? What types of messages do mass media and popular culture give us about gender and sexuality, and how do these messages influence self-identity? Using a range of disciplinary methodologies and perspectives, students develop a deeper understanding of the structures of power that shape gender and sexual identity.

Africana/Black Studies Minor

The Africana/Black Studies minor is an interdisciplinary liberal arts minor that gives students a critical opportunity to examine the intellectual traditions of and cultural contributions made by people of African descent all over the world. Its broad focus on African, African American, Afro-Latino/a, Afro-Brazilian, and Caribbean communities allows students to stretch the boundaries of their worldview and develop skills in effective communication and innovative problem solving across racial and ethnic lines. In addition, by wrestling with weighty and pervasive

problems such as racism and the persistent presence of colonialism in the global economy and socio-cultural network, the minor's courses prepare students to be rigorous thinkers as well as responsible, ethical professionals and citizens.

Applied Artificial Intelligence Minor

The Interdisciplinary Minor in Artificial Intelligence is designed to equip students across all disciplines with the foundational knowledge and skills needed to navigate and contribute to the evolving AI landscape. This program empowers students to adapt to shifting job markets, critically evaluate information, and make informed decisions in an increasingly AI-driven world.

Through a balanced curriculum that integrates AI fundamentals, practical applications, and ethical considerations, students will learn to identify opportunities for innovation while addressing the societal and ethical implications of AI. By gaining a strong foundation in AI, students will develop the adaptability, creativity, and responsibility needed to become forward-thinking leaders in a rapidly changing global environment.

Business Administration Minor

The Business Administration Minor is an interdisciplinary business minor that provides students with knowledge of core business principles. With this minor, students will be equipped to meet the complex demands of an interdependent society and culture. Bryant has a long-standing national reputation for educating business professionals and leaders. The Business Administration minor at Bryant includes courses that are designed to help students develop basic business knowledge and skills as well as to provide the foundation to begin a career following graduation, or to continue on to graduate school. An understanding of Business Administration is beneficial to all professional fields including the creative arts, entrepreneurship, management, marketing, nonprofit administration, and human resources, to name a few.

Latin American and Latina/Latino Studies Minor

The Latin American and Latina/Latino Studies Minor engages students in interdisciplinary study of Spanish and Portuguese-speaking nations in the Americas and the Latina/Latino presence in the United States. Each participating student develops an individualized minor within the parameters established under the general requirements by drawing from a set of approved courses in literary and cultural studies, history, and languages. The primary objective of the minor is to foster greater understanding of the peoples and societies of the Western Hemisphere. Such understanding is crucial to participation in ongoing intrahemispheric debates over issues such as immigration from Latin America to the United States, trade policy, and the nature of democracy.

Professional and Creative Writing Minor

Students pursuing a minor in Professional and Creative Writing develop their writing skills in a variety of settings designed to provide a full exploration of genres. Options range from feature writing for magazines and the Web, to newspaper journalism, to creative writing in poetry and fiction.

Women, Gender, and Sexuality Studies Minor

The Women, Gender, and Sexuality Studies Minor is a liberal art, interdisciplinary program that offers students the opportunity to apply a

critical lens to fundamental structures of human interaction and cultural production. Students learn about current scholarship in women's history and culture, gender studies, sexuality studies, and feminist theory.

Questions motivating this scholarship include: How have gender and sexuality been used as systems of social control throughout history? How have they served as catalysts for social change? Are gender and sexuality biologically determined or socially constructed? What types of messages do mass media and popular culture give us about gender and sexuality, and how do these messages influence self-identity? Using a range of disciplinary methodologies and perspectives, students develop a deeper understanding of the structures of power that shape gender and sexual identity.

Bachelor of Science in Applied Artificial Intelligence

Bachelor of Science with a Major in Health Informatics

Bachelor of Science with a Major in Health Sciences

- **American Studies Concentration**
- **Applied Analytics Concentration**
- **Ethnic Studies Concentration**
- **Women, Gender, and Sexuality Studies Concentration**
- **Africana/Black Studies**
- **Applied Artificial Intelligence**
- **Business Administration**
- **Latin American and Latina/Latino Studies**
- **Professional and Creative Writing**
- **Women, Gender, and Sexuality Studies**