

# Master's Degree in Medicine

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## 1 Year Online, 9 courses, 36 Credits, Standard for U.S. Masters Degree

The Master's Degree in Integrative Medical Innovation is a forward-thinking program designed for healthcare professionals, researchers, and technologists seeking to redefine the future of medical practice. This interdisciplinary curriculum bridges clinical science with emerging technologies, data-driven care, personalized medicine, and systems thinking. Emphasizing AI, bioinformatics, regenerative medicine, telehealth, and human-centered care, students will gain tools to lead innovation in hospitals, biotech firms, startups, and policy-making arenas. Graduates will be prepared to enhance patient outcomes, optimize healthcare systems, and shape the next era of medical advancement. **Courses may be substituted or changed at any time, as curriculums undergo continued revision and updating.**

<b>Medical Artificial Intelligence and Clinical Decision Support</b>
Examines AI algorithms, diagnostics, and predictive analytics in enhancing clinical workflows and decision-making. 4 Credits.
<b>Human-Centered Healthcare Design</b>
Focuses on empathy-driven care models, patient experience mapping, and design thinking in clinical environments. 4 Credits.
<b>Regenerative and Translational Medicine</b>
Covers stem cell therapies, tissue engineering, and the path from bench discoveries to bedside application. 4 Credits.
<b>Telemedicine and Digital Health Platforms</b>
Analyzes the tools, laws, and delivery models driving remote care, wearable integration, and mobile diagnostics. 4 Credits.
<b>Bioinformatics and Health Data Science</b>
Introduces genomic data analysis, EHR mining, and population-level health data visualization. 4 Credits.
<b>Ethics, Law, and Policy in Emerging Medicine</b>
Addresses ethical dilemmas, data privacy, intellectual property, and the regulatory landscape for advanced medical technologies. 4 Credits.
<b>Innovations in Clinical Trials and Drug Development</b>
Explores adaptive trials, real-world data, and novel therapeutics with emphasis on speed, safety, and efficacy. 4 Credits.
<b>Integrative and Lifestyle Medicine</b>
Evidence-based approaches combining conventional medicine with nutrition, stress reduction, and complementary therapies. 4 Credits.
<b>Leadership and Innovation in Health Systems</b>
Prepares students to lead change, build coalitions, and implement high-impact innovations across care settings. 4 Credits.