Students must complete a total of 6 credit hours of additional electives outside of the RGME core and science electives.

LAWS 4302 ***(3 credit hours)***: *Patent Law*

Basic concepts of patent law as property are considered primarily in its substantive aspects, including the relationship to other forms of protection and intellectual property, infringement, and statutory requirements for patents.

LAWS 4311 ***(3 credit hours)***: *Patent Preparation and Prosecution 1*

Patent preparation, drafting, and filing of a patent application are the fundamental aspects of patent practice. Students will learn how to conduct a client-inventor interview, what questions to ask the client-inventor and what information is most important to obtain prior to commencing the patent drafting process. Technical aspects of patentability searching will also be explored. In addition, the student will learn the various parts of the patent application and best practices associated with drafting each part. Before the drafting takes place, the class will cover relevant case law. Also, nonlegal, practical aspects such as organization, various grammatical concerns, and other concepts related to patent drafting will be covered. Ultimately, students will take the information provided in the class and draft an actual patent application based upon a simple hypothetical invention. Emphasis will be placed on specification drafting and claim drafting, and how to claim around prior art. Prereq or coreq: LAWS 4302.

LAWS 4312 ***(2 credit hours)***: *Patent Preparation and Prosecution*

The course builds on Patent Preparation and Prosecution 1 (LAWS 4311) and will focus on aspects of patent prosecution post-filing. In particular, students will learn how to respond to an Office Action rejecting the patent application as is typically encountered during the practice before the US Patent and Trademark Office. The student's response will take the form of an Amendment that will reflect changes made to the claims and arguments relating to patentability. The course will also cover the appeals process. Prereq: LAWS 4311.

LAWS 5366 ***(2 credit hours)***: *Venture Finance & Transactions*

This course is designed to provide law students with the fundamentals of creating, offering and closing a technology venture transaction. In each case, the goal is to imbue students with both the legal and compliance requirements of the given strategic scenario, as well as the business and technical drivers behind the transaction.

LAWS 5415 ***(3 credit hours)***: *Bankruptcy*

An introduction to bankruptcy law, with emphasis on the current Federal Bankruptcy Code. The course includes Chapter 7 (liquidation bankruptcy proceedings), Chapter 11 (business reorganizations), and Chapter 13 (simplified reorganizations for individuals and sole proprietorships). Also considered are various state law debtor-creditor remedies and the impact of bankruptcy on such remedies. Prior enrollment in the UCC and debtor-creditor courses may be helpful but is not mandatory.

RGME 467 ***(3 Credits)***: *Commercialization and Intellectual Property Management*

This interdisciplinary course covers a variety of topics, including principles of intellectual property and intellectual property management, business strategies and modeling relevant to the creation of start-up companies and exploitation of IP rights as they relate to biomedical-related inventions. The goal of this course is to address issues relating to the commercialization of biomedical-related inventions by exposing law students, MBA students, and Ph.D. candidates (in genetics and proteomics) to the challenges and opportunities encountered when attempting to develop biomedical intellectual property from the point of early discovery to the clinic and market. Specifically, this course seeks to provide students with the ability to value a given technological advance or invention holistically, focusing on issues that extend beyond scientific efficacy and include patient and practitioner value propositions, legal and intellectual property protection, business modeling, potential market impacts, market competition, and ethical, social, and healthcare practitioner acceptance. During this course, law students, MBA students, and Ph.D. candidates in genomics and proteomics will work in teams of five (two laws students, two MBA students and one Ph.D. candidate), focusing on issues of

commercialization and IP management of biomedical-related inventions. The instructors will be drawn from the law school, business school, and technology-transfer office. Please visit the following website for more information: fusioninnovate.com. Offered as EBME 467, ECSE 467, GENE 367, GENE 467, LAWS 5341, MGMT 467, and RGME 467.

RGME 468 ***(3 credit hours)***: *Commercialization and Intellectual Property Management II*

This course will concentrate on early-stage product development, with a focus on conventional approaches to venture financing, regulatory positioning and navigation, corporate licensing/partnering, and investment pitch methodologies. The content of the course will include specific innovations vetted by CWRU Technology Transfer and facilitation by the product Principal Investigator The course will culminate in a presentation for financing to a panel of investors, clinical thought leaders and/or economic development professionals; in a simple sense, students will learn how to position a qualified opportunity for early-stage development and financing towards ultimate clinical and market introduction.

Review all course descriptions via the CWRU General Bulletin