Curriculum Committee
Concentrations

Updated: January 29, 2016

KEY

[#] = credits
[#], limited credits] = limited to the number of hours listed in the brackets, despite overall
credits for the course
[clinical] = offered through the Law Clinic
[clinical - with approval] = externship requiring Concentration Advisor’s approval
[paper] = paper course meets concentration requirement
[paper - with approval] = requires approval of supervising faculty member and Concentration
Advisor

Each Concentration requires preparation of a professional-quality written project or the
equivalent within the field of the Concentration, unless a similar written work-product
substitute is noted within a Concentration description, and the project must attain a grade of “B”
or better.

This requirement would be satisfied by any of the following: (1) a project written to satisfy the
student’s Upper-Level Writing Requirement in effect at the time the project was written,
including articles written for a journal; (2) a professional-quality project of the same length and
quality written for a course offered within the Concentration; (3) an Independent Research
project of the same length and quality; (4) or a project written for one of the Advanced Legal
Writing classes that is of the same length and quality. The topic of any project written for a
Concentration would have to be approved by a Concentration Advisor. The Civil Litigation
Concentration permits preparation of a portfolio of litigation-centric documents in lieu of a
paper; such a substitute would not relieve a student of otherwise fulfilling the Upper-Level
Writing Requirement in some other manner.
Concentration in Business Law

STRONGLY RECOMMENDED COURSES

- Bankruptcy [3]
- Basic Federal Income Taxation [3]
- Secured Transactions [3]

OTHER COURSES

Doctrinal Courses

- Accounting for Lawyers [2]
- Antitrust [3] [not offered since 2012-13]
- Banking Law [2, paper] [not offered since 2012-13]
- Business Planning [2]
- Construction Law [2]
- Corporate Governance in the For-Profit and Non-Profit Spheres [1]
- Corporate Reorganizations in Bankruptcy [2]
- Estate Planning [3]³
- Fundamentals of Intellectual Property [3]
- Independent Research [1 to 3, paper – with approval]
- International Business Transactions [3]
- International Trade Law [3, paper]
- Partnership and LLC Taxation [2]⁵
- Payment Systems [3] [last offered 2013-14, cancelled]
- Securities Regulation [2]⁶
- Securities Regulation Research [3 credits before 2014-15, paper] [2 credits after starting with Fall 2016, paper]⁷
- Simulation Course: Contract Drafting [3, paper]
- Sports & Entertainment Law [2]
- Strategic International Transactions [3]
- Trademark and Unfair Competition Law [3]
- White Collar Crime [2]

¹ Notes for Business Law Concentration: Basic Federal Income Taxation has been included as strongly recommended because it is a prerequisite to upper-level tax courses within the concentration. Business Law itself suggests broadly two almost distinct practices: commercial activity itself and entity formation and management.
² Completion of Basic Federal Income Taxation strongly recommended.
³ Prerequisites or Co-Requisites: Basic Federal Income Taxation; Estates and Trusts
⁴ Prerequisite: Basic Federal Income Taxation
⁵ Prerequisite: Basic Federal Income Taxation
⁶ Prerequisites (one of these two sequences): (1) Corporate and Partnership Law, Advanced Corporate Law and Business Entities; or (2) Corporations and Other Business Entities.
⁷ Prerequisites (one of these two sequences): (1) Corporate and Partnership Law, Advanced Corporate Law and Business Entities; or (2) Corporations and Other Business Entities.
Skills Courses

- In-House Counsel in Modern Corporations [2]
- Real Estate Skills [2]
- Urban Development Practicum [3]

Clinics (maximum of 3 credits will be counted towards the Concentration)

- Community Enterprise Clinic [3, limited credits, clinical] [not offered since 2013-14]
- Intellectual Property Clinic [2, limited credits, clinical] [never offered]
- Urban Development Clinic [3, limited credits, clinical] [not offered since 2013-14]
Concentration in Civil Litigation

STRONGLY RECOMMENDED COURSES

- Advanced Legal Writing: Writing in Law Practice [3, before Spring 2016; 2, starting with Spring 2016]
- Advanced Pretrial Litigation Techniques [2 or 3]
- Alternative Dispute Resolution [2]
- Deposition Skills [2]
- Expert Evidence [3]
- Negotiation Skills [2]
- Pleading and Discovery Skills [2]
- Trial Advocacy [3, limited]
- Trial Advocacy I [3, limited]
- Trial Advocacy II [3]
- Trial Team [2, limited]

OTHER COURSES

Skills Courses

8 Notes for the Civil Litigation Concentration:
- A minimum of 4 credits must be from a listed and approved skills, competition, or clinical course, but clinical courses cannot be counted for more than 3 hours each for purposes of meeting the elective requirement course
- The remaining credits may be from any other elective group listed; however, the following are highly recommended:
  - Family Law
  - Remedies and Damages
- The following courses are limited enrollment courses:
  - Advanced Pretrial Litigation Techniques
  - Alternative Dispute Resolution
  - Negotiation Skills
  - Pleading and Discovery Skills
  - Writing in Law Practice
- Students may not count more than one course of these three towards the Concentration Hours: Advanced Pretrial Litigation Techniques, Pleading and Discovery Skills, and Advanced Legal Writing: Writing in Law Practice
- Students in this Concentration are required to submit a portfolio to a Faculty Advisor, in lieu of a paper, for review and approval. These documents need not be documents actually filed in litigation, but may have been drafted for a course if the documents are approved as sufficient by a Faculty Advisor. The contents of the portfolio must contain, at a minimum:
  - A pleading (a Complaint or Answer drafted for a state or federal court, or the equivalent prepared for a hearing before an administrative agency)
  - A sampling of the discovery documents drafted by the student
  - A brief written in support of, or in opposition to, a motion; or an appellate brief (which shall not be the brief written in the first-year Legal Research and Writing II course)
- Advanced Legal Writing: Basics of Litigation [2]
- Advanced Legal Writing: Drafting [3, before Spring 2016; 2, starting with Spring 2016]
- Advanced Legal Writing: Writing in Law Practice [3, before Spring 2016; 2, starting with Spring 2016]
- Capstone Course: Lawyering Skills [2]
- Civil Law Research [1] [not offered since 2012-13]
- E-Discovery, A Practical Course [3]
- In-House Counsel in Modern Corporations [2]
- Medical Malpractice Litigation Skills [2]
- Pleading and Discovery Skills [2]

**Clinical Courses**

- Civil Rights Clinic [3, limited credits, clinical] [was titled Bill of Rights Clinic before 2013-14]
- Civil and Family Justice Externship Program [3, limited credits, clinical] [not offered since 2012-13]
- Federal Litigation Clinic [3, limited credits, clinical] [was titled Federal Practice Clinic before 2014-15]
- Family Law Clinic [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2014-15]
- General Externship Placement and Seminar [3 - with approval, limited credits, clinical] [was titled General Externship Placement and Seminar before 2014-15]
- KidsVoice Program [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2013-14]
- Unemployment Compensation Clinic [3, limited credits, clinical]

**Competitions**

- Moot Court (classroom component) [1]
- Appellate Moot Court [2]
- Trial Advocacy [2]

**Doctrinal Courses**

- Administrative Law [3]
- Appellate Practice & Procedure [2]
- Bankruptcy [3]
- Civil Rights Litigation [3]
- Complex Litigation, Class Actions, & the Adversary System [2] [not offered since 2012-13]
- Conflict of Laws [2]
- Corporate Governance in the For-Profit and Non-Profit Spheres [1]
- Employment Discrimination [3]
- Family Law [3]
- Federal Civil Procedure [3]
- Fundamentals of Intellectual Property [3]
- Independent Research [1 to 3, paper – with approval]
- International Arbitration and Dispute Resolution\(^9\) [1.5] [not offered since 2012-13]
- Pennsylvania Civil Procedure [2]
- Practice before the Minor Judiciary [2]
- Remedies and Damages [2] [not offered since 2012-13]
- Remedies at Law & in Equity [2]
- Social Media and the Law [1]
- Trade Secret Law [2]

\(^9\) This course is taught as part of the Ireland Summer Study Abroad Program, but grades do not count within a student’s overall GPA.
Concentration in Criminal Law

STRONGLY RECOMMENDED COURSES

- Criminal Procedure: Bail to Jail [3]
- Criminal Process [3] [not offered since 2012-13]
- Sanctions, Sentencing, and Corrections [2]

OTHER COURSES

**Doctrinal Courses**

- Advocacy and Adjudication [2] [not offered since 2012-13]
- Appellate Moot Court [1]
- Appellate Practice and Procedure [2]
- Expert Evidence [3]
- Federal Criminal Law [3]
- Independent Research [1 to 3, paper – with approval]
- International Criminal Law [3]
- Law and Neuroscience [2]
- Law and Psychology [2]
- Post-Conviction Remedies in Criminal Prosecutions [2] [not offered since 2012-13]
- Practice Before the Minor Judiciary [2, paper]
- Trial Advocacy [5]
- Wrongful Convictions [2]

**Skills Courses**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- Criminal Law Research [1] [not offered since 2012-13]
- DNA Project [3, limited credits] [not offered since 2012-13]
- Fact Investigation [2]
- Negotiation Skills [2]
- The Post-Conviction DNA Project: Case Management [2] [not offered since 2012-13]
- The Post-Conviction DNA Project: Conviction Integrity [2] [not offered since 2012-13]

**Clinical Courses**

- Office of Conflicts Counsel Criminal Defense Program [3, limited credits, clinical] [was titled Criminal Defense Specialized Externship Program before 2014-15]
- Criminal Prosecution Program [3, limited credits, clinical] [was titled Criminal Prosecution Externship Program before 2014-15]
- Education Law Clinic [3, limited credits, clinical]

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10 Few courses in this Concentration require or permit writing a paper, so a student seeking to meet the Criminal Law Concentration requirements must meet the overall paper requirement in some other approved manner.
- Federal Litigation Clinic [3, limited credits, clinical] [was titled “Federal Practice Clinic before 2014-15]
- General Externship Placement and Seminar [3 - with approval, limited credits, clinical]
- Juvenile Defender Clinic [3, limited credits, clinical]
- Pennsylvania Innocence Project [3, limited credits, clinical]
- Veterans Clinic [3, limited credits, clinical]
Concentration in Energy & Environmental Law

STRONGLY RECOMMENDED COURSES

- Administrative Law [3]
- Energy Law [2]
- Environmental Law [3]

OTHER COURSES

Doctrinal Courses

- Environmental and Toxic Torts [2]
- Environmental Considerations in Business and Real Estate Transactions [2]
- Food Law & Policy [2, paper - with approval]
- Independent Research [1 to 3, paper – with approval]
- International Environmental Law [2] [not offered since 2012-13]
- Land Use Planning [2]
- Local Government Law [2]
- Oil and Gas Law [2]
- Pennsylvania State Constitutional Law [2]
- State Constitutional Law [2]
- Sustainability for Lawyers [1] [not offered]

Skills Courses

- DEP Externship [3]
- DOI Externship [3]
- Environmental Enforcement, Litigation, and Negotiation [2]
- Mining Law: History & Practice [2]
- Oil and Gas Litigation [3]
Concentration in Family Law

STRONGLY SUGGESTED

- Allegheny County Bar Foundation - Parent Advocates Externship [3, limited credits, clinical]
- Children and the Law [3]
- Estates and Trusts [3]
- Family Law [3]
- Family Law Clinic [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2013-14]
- Gender and the Law: Current Topics [2]
- KidsVoice Program [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2014-15]
- Neighborhood Legal Services General Externship [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2014-15]

OTHER COURSES

Doctrinal Courses

- Basic Federal Income Taxation [3]
- Canon Law [2]
- Employee Benefits [2]
- Employment Discrimination [3]
- Employment Law [3]
- Employment Rights of the Individual Worker [2] [not offered since 2012-13]
- Independent Research [1 to 3, paper – with approval]
- Introduction to Jewish Law [2] [not offered since 2012-13]
- Islamic Law [3, paper] [not offered since 2012-13]
- Pennsylvania Civil Procedure [2]
- Work-Life Law [2 hours]
- Work-Life Law Writing Seminar [3 hours] [not offered since 2012-13]
- Work-Life Seminar [3, paper] [not offered since 2012-13]

Skills/Clinic Courses

- Allegheny County Solicitor’s Externship on Interstate Collection and Enforcement of Support Obligations [3, limited credits, clinical]
- Alternative Dispute Resolution [2]
- Art of Mediation: Theory and Practice [2]
- Deposition Skills [2]
- Expert Evidence [3]
- Moot Court (classroom component) [1]
- Negotiation Skills [2]
- Pleading and Discovery Skills [2]
- Trial Advocacy [3, limited credits]

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It is recommended that students take one of the four clinical courses listed as strongly suggested, not all four.
Concentration in Government & Public Interest Law\textsuperscript{12}

STRONGLY SUGGESTED COURSES

\textit{Doctrinal}

- Administrative Law [3]

\textit{Clinical (at least one)}

- Civil Rights Clinic [3, limited credits, clinical] [was titled Bill of Rights Clinic before 2013-14]
- Community Enterprise Clinic [3, limited credits, clinical] [not offered since 2013-14]
- Education Law Clinic [3, limited credits, clinical]
- Family Law Clinic [3, limited credits, clinical] [was titled Pro Se Motions Specialized Externship Program before 2013-14]
- Federal Litigation Clinic [3, limited credits, clinical] [was titled Federal Practice Clinic before 2014-15]
- General Externship Placement and Seminar [3 - with approval, limited credits, clinical]
- Juvenile Defender Clinic [3, limited credits, clinical]
- Pennsylvania Innocence Project [3, limited credits, clinical]
- Unemployment Compensation Clinic [3, limited credits, clinical]
- Urban Development Clinic [3, limited credits, clinical] [not offered since 2012-13]

OTHER COURSES

\textit{Business Regulation Courses}

- Animal Law [2]
- Antitrust [3] [not offered since 2012-13]
- Aviation Law [2] [not offered since 2012-13]
- Companion Animal Law [3]
- Complex Litigation [2]
- Employment Discrimination [3]
- Energy Law [2]
- Environmental and Toxic Torts [2]
- Environmental Law [3]
- Food Law & Policy [2, paper - with approval]
- Health Care Regulation and Transactions [2]
- Internet Law [2] [not offered since 2012-13]
- Labor Law [3]
- Law & Higher Education [2]
- Media Law [2] [not offered since 2012-13]
- Public International Aviation Law [2]
- Social Media and the Law [1]

\textsuperscript{12} Categories within the Other Courses list are provided solely for student guidance and are not intended for any other purpose.
- Tax-Exempt Organizations [2]

**Skills Courses**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- Alternative Dispute Resolution [2]
- Appellate Practice and Procedure [3]
- Mining Law: History & Practice [2, paper – with approval]
- Negotiation Skills [2]
- Pennsylvania Legislative Process and Drafting [3]
- Urban Development Practicum [3]

**Individual Rights**

- Advanced Constitutional Law: First Amendment [2, paper]
- Bankruptcy [3]
- Children and the Law [3]
- Civil Rights Litigation [3]
- Employment Law [3]
- Employment Rights of the Individual Worker [2] [not offered since 2012-13]
- Health Care Law [2]
- Immigration Law & Procedure [2]
- Law & Medical Ethics [2]
- Law and Psychology [2]

**Government**

- Land Use Planning [2]
- Law, Public Service, and the Executive Branch [2]
- Local Government Law [2]
- National Security Regulation [2] [not offered since 2012-13]
- Public Sector Labor Law [2] [not offered since 2012-13]
- State Constitutional Law [2]

**International & Comparative Law**

- International Intellectual Property [2]
- International Trade Law [2, paper]

**Jurisprudence & Others**

- Catholic Social Thought and the Law [2]
- Emerging Legal Systems [2] [not offered since 2012-13]
- Gender & the Law [2, paper]
- Independent Research [1 to 3, paper – with approval]
- Trade Secret Law [2]
- Philosophy of Law [2]
- Work-Life Law [2 hours]
- Work-Life Seminar [3, paper] [not offered since 2012-13]
Concentration in Health Law and Science

STRONGLY SUGGESTED COURSES

- Administrative Law [3]
- Health Care Law [2]
- Health Care Organization and Finance [2]

OTHER COURSES

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- Antitrust [3] [not offered since 2012-13]
- Expert Evidence [3]
- Fundamentals of Intellectual Property [3]
- General Externship Placement and Seminar [3 - with approval, limited credits, clinical]
- Health Care Fraud and Abuse [3]
- Health Care Regulation and Transactions [2]
- Independent Research [1 to 3, paper – with approval]
- Labor Law [3]
- Law & Medical Ethics [2]
- Law & Neuroscience [2]
- Law & Psychology [2]
- Legal Medicine & Forensic Science [2]
- Medical Malpractice Litigation Skills [2]
- Public Health Law & Policy [2 or 3]
- Tax-Exempt Organizations [2]
- Technology Innovation Law [3]
Concentration in Intellectual Property

STRONGLY RECOMMENDED COURSE

- Fundamentals of Intellectual Property [3]

OTHER COURSES

**Doctrinal Courses**

- Commercial Use of Intellectual Property [2]
- Copyright Law [3]
- Expert Evidence [3]
- Food Law & Policy [2, paper - with approval]
- Independent Research [1 to 3, paper – with approval]
- Intellectual Property: Copyright and Trademark [2] [not offered since 2012-13]
- Internet Law [2] [not offered since 2012-13]
- Patent Drafting [3]
- Patent Law [2] [not offered since 2012-13]
- Patent Law [3]
- Patent Litigation [2]
- Social Media and the Law [1]
- Strategic International Transactions [3]
- Technology Innovation Law [3]
- Trade Secret Law [2]
- Trademark and Unfair Competition Law [3]

**Skills and Clinical Courses**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- Patent Bar [2]

**International and Comparative Law Course**

- International Intellectual Property [2] [not offered since 2012-13]
Concentration in International and Comparative Law

STRONGLY SUGGESTED COURSES

➢ International Law [3]

OTHER COURSES

_Doctrinal_

➢ Admiralty [2, paper]
➢ Canon Law [2]
➢ Chinese for Lawyers [2]
➢ Comparative Law: Europe [2] [not offered since 2012-13]
➢ Emerging Legal Systems [3, paper] [not offered since 2012-13]
➢ Food Law & Policy [2, paper – with approval]
➢ Independent Research [1 to 3, paper – with approval]
➢ International Business Transactions [2]
➢ International Criminal Law [3]
➢ International Intellectual Property [2] [not offered since 2012-13]
➢ International Litigation and Arbitration [3] [not offered since 2012-13]
➢ International Trade Law [3, paper]
➢ Islamic Law [3, paper] [not offered since 2012-13]
➢ Roman Law [2] [not offered since 2012-13]
➢ Strategic International Transactions [3]

_Study Abroad_

➢ Cologne, Germany [3, limited]
➢ Northern Ireland and the Republic of Ireland [3, limited]
➢ The People Republic of China [3, limited]
➢ The Vatican [3, limited]
Concentration in Labor and Employment Law\textsuperscript{13}

**STRONGLY SUGGESTED COURSES**

- Employment Discrimination [3]
- Employment Law [3]
- Employment Rights of the Individual Worker [2] [not offered since 2012-13]
- Labor Law [3]
- Public Sector Labor Law [2] [not offered since 2012-13]

**OTHER COURSES**

**Employment Courses**

- Employment Discrimination [3]
- Employee Benefits [2] [not offered since 2012-13]
- Sports and Entertainment Law [2]
- Work-Life Law [2 hours]
- Work-Life Law Writing Seminar [3 hours] [not offered since 2012-13]
- Work-Life Seminar [3, paper] [Not offered after 2012-13] [not offered since 2012-13]

**Labor Courses**

- Labor Law [3]
- Public Sector Labor Law [2] [not offered since 2012-13]
- Sports and Entertainment Law [2]

**Skills Courses**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- Art of Mediation [2]
- Alternative Dispute Resolution [2]
- Appellate Moot Court I [1]
- Civil Rights Litigation [2]
- Deposition Skills [2]
- E-Discovery [3]
- Labor Arbitration Seminar [2] [not offered since 2012-13]
- Negotiation Skills [2]
- Pleading & Discovery Skills [2]

**Clinical Courses**

- Civil Rights Clinic [3, limited credits, clinical] [was titled Bill of Rights Clinic before 2013-14]
- Federal Litigation Clinic [3, limited credits, clinical] [was titled Federal Practice Clinic before 2014-15]

\textsuperscript{13} Categories within the Other Courses list are provided solely for student guidance and are not intended for any other purpose.
- General Externship Placement and Seminar [3 - with approval, limited credits, clinical]
- Unemployment Compensation Clinic [3, limited credits, clinical] [2 credits before 2013-14]

**Jurisprudence & Others**

- Administrative Law [3]
- Agency [2]
- Catholic Social Thought and the Law [2]
- Civil Rights Litigation [3]
- Emerging Legal Systems [2] [not offered since 2012-13]
- Fundamentals of Intellectual Property [3]
- Gender and the Law: Current Topics [2, paper]
- Immigration Law and Procedure [2]
- Independent Research [1 to 3, paper – with approval]
- Philosophy of Law [2]
- Social Media and the Law [1]
- Strategic International Transactions [3]
- Work-Life Law [2 hours]
- Work-Life Law Writing Seminar [3 hours] [not offered since 2012-13]
- Work-Life Seminar [3, paper] [not offered since 2012-13]
Concentration in Real Property

STRONGLY SUGGESTED COURSES

- Real Estate Planning [2]
- Real Estate Skills [2]

OTHER COURSES

**Doctrinal**

- Bankruptcy [3]
- Construction Law [2]
- Energy Law [2]
- Environmental Considerations in Business and Real Estate Transactions [2]
- Environmental Law [3]
- Independent Research [1 to 3, paper – with approval]
- Land Use Planning [2]
- Oil & Gas Law [2]
- Secured Transactions [3]

**Skills/Clinics**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]
- City of Pittsburgh Department of City Planning Externship Placement [3]
- Environmental Enforcement, Litigation, and Negotiation [2]
- Equity Protection Clinic at Neighbor Word Western Pennsylvania Externship [3, limited credits, clinical]
- Urban Development Clinic [3, limited credits, clinical] [not offered since 2012-13]
- Urban Development Practicum [3]
Concentration in Religion and Moral Life

STRONGLY SUGGESTED COURSES

- Catholic Social Thought and the Law [2]
- Law and Religion [2]
- Philosophy of Law [2 or 3, paper]

OTHER COURSES

**Electives: Clinical Courses**

- Juvenile Defender Clinic [3, limited, clinical]
- Pennsylvania Innocence Project [3, limited credits, clinical] [not offered before 2016-17]

**Electives: Religious Focus**

- Canon Law [2]
- Independent Research [1 to 3, paper – with approval]
- Introduction to Jewish Law [2] [not offered since 2012-13]
- Islamic Law [3, paper] [not offered since 2012-13]
- Secularism and Religion in the Public Square [2, paper] [not offered since 2012-13]

**Electives: Skills Courses**

- Alternative Dispute Resolution [2]
- Art of Mediation: Theory and Practice [2]
- Law and Literature [2 or 3, paper] [3, starting in the Spring 2014 semester]

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14 Categories within the Other Courses list are provided solely for student guidance and are not intended for any other purpose.
Concentration in Tax and Estate Planning

STRONGLY SUGGESTED COURSES

- Basic Federal Income Taxation [3]
- Business Planning [3]
- Estate Planning [3]
- Estates and Trusts [3]
- Partnership & LLC Taxation [2]

OTHER COURSES

**Doctrinal**

- Employee Benefits [2] [not offered since 2012-13]
- Independent Research [1 to 3, paper – with approval]
- Tax Exempt Organizations [2]
- Tax Exempt Organizations Research [3, before 2011-15, 2 since Spring 2016]

**Skills/Clinics**

- Advanced Legal Writing: Drafting [3, before Spring 2016, 2 starting with Spring 2016, paper - with approval]