S&A PHM/CLASSICS/HIST SCI/HISTORY/MED HIST 561 — GREEK AND ROMAN MEDICINE AND PHARMACY
3 credits.
Greek and Roman medicine and drug lore from the Pre-Socratics to Oribasius (c. 600 B.C. - A.D. 350), including the backgrounds of ancient Egyptian and Mesopotamian medicine. Enroll Info: None
Requisites: Junior standing
Course Designation: Breadth - Humanities
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Fall 2015

S&A PHM/CLASSICS/HIST SCI/HISTORY/MED HIST/MEDIEVAL 562 — BYZANTINE MEDICINE AND PHARMACY
3 credits.
Byzantine and Islamic medicine and drug lore from Oribasius to the beginnings of the Italian Renaissance (c. 350 - c. 1400 A.D.). Enroll Info: None
Requisites: Junior standing
Course Designation: Breadth - Humanities
Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: No
Last Taught: Spring 2015

S&A PHM 611 — PHARMACY LAW AND REGULATION
2-3 credits.
Federal and Wisconsin laws related to drug manufacture, drug distribution, drug use, and pharmacy practice. Enroll Info: None
Requisites: S&A PHM 514
Repeatable for Credit: No
Last Taught: Spring 2021
S&A PHM 622 — PROSEMINAR IN SOCIAL AND ADMINISTRATIVE PHARMACY
1-3 credits.
Problems in pharmaceutical sociology, psychology, management, finance and economics, including: drug prescribing/use, distribution, and payment; patient care and pharmaceutical service delivery; pharmaceutical industry, and pharmaceutical policy and regulation. May be repeated. Enroll Info: None
Requisites: Junior standing
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2015

S&A PHM 652 — PHARMACIST COMMUNICATION: EDUCATIONAL AND BEHAVIORAL INTERVENTIONS
2 credits.
Intermediate principles of pharmacist communication with patients and other care givers; weekly communications laboratory provides opportunity to refine skills in listening, interviewing, counseling, and use of various educational and behavioral strategies to improve drug use. Enroll Info: None
Requisites: S&A PHM 411 and Declared in the Doctor of Pharmacy Program with third year standing
Repeatable for Credit: No
Last Taught: Spring 2021

S&A PHM 699 — ADVANCED INDEPENDENT STUDY
0-3 credits.
Directed study projects as arranged with a faculty member. Enroll Info: None
Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2021

S&A PHM 701 — GRANT WRITING FOR HEALTH SERVICES RESEARCH
2 credits.
Prepare to enter professional careers requiring knowledge of grant-writing. Mechanics of proposal writing and social aspects of "grantsmanship," skill development in identifying sources of grant funding, practice research to support applications, and tailor proposals to specific audience interests. Utilizing an iterative and peer supported process, draft parts of an R36 dissertation grant. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2021

S&A PHM 702 — MIXED METHODS FOR HEALTH SCIENCES: PURPOSE, DESIGN AND APPROACH
2 credits.
Increase awareness, understanding, and knowledge about how mixed methods research fits into the broader world of health services research. Exposure to research and lay literature in health services research in pharmacy and related fields. Improve ability to write technically, read and interpret mixed methods research articles, and discuss implications of research findings. Enroll Info: None
Requisites: Graduate standing only or declared in the Doctor of Pharmacy program
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: No

S&A PHM 703 — COMMUNITY ENGAGEMENT IN HEALTH SERVICES RESEARCH
2 credits.
Apply principles of community engagement in the field of health services research. Read and interpret relevant articles, and discuss implications of these readings. Learn existing models and practical approaches for successfully partnering with community stakeholders to address health and medication-related needs through research. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

S&A PHM 704 — DISSEMINATION, IMPLEMENTATION AND SUSTAINMENT OF CHANGE IN HEALTH SERVICES RESEARCH
2 credits.
Apply Dissemination and Implementation (DI) as well as sustainability concepts and principals to support organizational change efforts in different healthcare settings or learn how to conduct DI/Sustainability research in their professional careers. Identify DI frameworks, appropriate implementation strategies, study designs and outcomes to address the implementation of an evidence-based practice or a specific organizational change. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020

S&A PHM 711 — RESEARCH METHODS FOR PHARMACEUTICAL OUTCOMES AND POLICY RESEARCH
3 credits.
Development of skills in the methods, techniques, and problems encountered in conducting evaluations of pharmaceutical services, programs, and policies. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2020
### S&A PHM 713 — PHARMACEUTICAL MARKETING AND POLICY
3 credits.

Marketing and policy aspects of prescription drugs from the perspective of the pharmaceutical industry; overview of the industry, the marketing mix, policies and regulations related to pharmaceuticals. Enroll Info: None

**Requisites:** Graduate/professional standing
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** No
**Last Taught:** Fall 2016

### S&A PHM 715 — SOCIAL BEHAVIORAL THEORIES IN PHARMACY, DRUG USE, AND HEALTH BEHAVIOR
3 credits.

Critical review and application of social behavioral theories, methodologies, and research to current problems in pharmacy, pharmacist communication and interaction with consumers and other providers, use of prescription and nonprescription drugs, and self-care. Enroll Info: None

**Requisites:** Graduate/professional standing
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** No
**Last Taught:** Spring 2020

### S&A PHM 716 — ADVANCED HOSPITAL PHARMACY ADMINISTRATION
2 credits.

Various components necessary to become an accomplished administrator of a pharmacy department in a hospital or organized health care setting. Enroll Info: None

**Requisites:** Declared in MS Pharmacy program
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** No
**Last Taught:** Spring 2021

### S&A PHM 911 — RESEARCH SEMINAR IN SOCIAL & ADMINISTRATIVE PHARMACY
1 credit.

Exposes students to research related to SAS topics, discuss strategies for writing research theses and articles, discuss various methodological approaches to answering research questions, and improve oral and written communication skills. Seminars may involve presenting completed and/or planned research, leading discussions among seminar participants about research topics, and discussing written assignments. Enroll Info: None

**Requisites:** Graduate/professional standing
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** Yes, unlimited number of completions
**Last Taught:** Fall 2020

### S&A PHM 990 — RESEARCH
1-12 credits.

Independent research and writing for graduate students under the supervision of a faculty member. Enroll Info: None

**Requisites:** Consent of instructor
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** Yes, unlimited number of completions
**Last Taught:** Spring 2021

### S&A PHM 999 — ADVANCED INDEPENDENT STUDY
1-12 credits.

Direct study projects for graduate students as arranged with a faculty member. Enroll Info: None

**Requisites:** Consent of instructor
**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement
**Repeatable for Credit:** Yes, unlimited number of completions
**Last Taught:** Spring 2021