General Curriculum Report # 300
UNIVERSITY OF IDAHO – OFFICE OF THE REGISTRAR
MARCH 13, 2020

TO: MEMBERS OF THE UNIVERSITY OF IDAHO FACULTY
The items listed below, approved by the University Curriculum Committee, will be considered to have the necessary faculty approvals unless a petition requesting further consideration of specific items is signed by five faculty members and submitted to the chair of the Faculty Senate within 14 calendar days after the date of circulation. If no petition is received within 14 days, the entire report will be submitted to the president for approval and transmittal to the regents, if regents' action is required. If a petition is received, the items in the report for which further consideration is requested will be referred to the Faculty Senate and the remainder of the report will move forward. On items referred to it, the council may: (1) affirm the action and report it to a meeting of the university faculty, (2) amend the action and report it to a meeting of the university faculty, or (3) rescind the action. *Note:* If a petition concerns courses or curricula in the College of Letters, Arts and Social Sciences or in the College of Agricultural and Life Sciences, and is signed by five faculty members of the respective college, those items will be returned to the college concerned for further consideration.
All Items below are considered effective Summer 2020 unless otherwise noted with the approved item.

COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

WATER RESOURCES

1. Make the following changes to the **M.S. in Water Resources – All Option Areas** and the **Ph.D. in Water Resources – All Option Areas**:

Common Courses

Students in both M.S. and Ph.D. degree programs are required to fulfill a set of common courses, applicable to all three Water Resources Option Areas. The common courses are:

WR 501	Seminar	1-16
WR 506	Interdisciplinary Methods in Water Resources	~~3~~2
~~WR 507~~	~~Integrated Water Resources Projects~~	~~3~~
Select one 500-Level Elective Course [1]		3
Total Hours		~~10-25~~ 6-21

[1]   *(Or 900- level in LAW) In an option area outside the main option area (3 credits for Ph.D. only).*

COLLEGE OF ART AND ARCHITECTURE

ARCHITECTURE

1. Make the following changes to the **B.S.Arch. in Architecture**:
Architecture (B.S.Arch.)

Architecture Undergraduate Curricular Requirements

The four-year curriculum leading to a B.S.Arch. degree provides the undergraduate, pre-professional coursework that qualifies students for entry level architectural work and prepares them to pursue the NAAB accredited, professional M.Arch. degree via the seamless degree path.

Admission to the B.S. Arch program is competitive. Students apply to the program after the first year of study, where academic achievement is reviewed to determine eligibility for continued study in architecture. Another application occurs at the end of the second year of study. Here, applicants to the third year are required to submit a portfolio containing examples of graphic work in art and architecture. The deadline for both second- and third-year applications is mid-May, with the results of the evaluation being made known to applicants by the first week of July.

Students accepted into the years three and four of the curriculum are required to maintain a minimum 3.0 GPA and to receive a grade of 'C' or higher in architectural design studios. Students who do not meet these criteria are ineligible for acceptance to the M.Arch. degree program and the College of Graduate Studies. (Provisional admittance to the M.Arch. program can be granted, with permission, for students with GPAs of 2.8 cumulatively, or 3.0 over the last 60 credit hours.)

Note: Program permission is required for admittance into architecture design studios (ARCH 253, ARCH 254, ARCH 353, ARCH 354, and ARCH 454) and students must achieve a minimum grade of 'C' in the previous studio course to enroll in the next sequential studio course.

Note: Students who have not been accepted into the third-year curriculum may not enroll in architectural design courses. Students who have left the program may only re-enter the curriculum by application to the college admissions committee.

Required course work includes the university requirements (see regulation J-3) and:

ARCH 151	Introduction to the Built Environment	3
ARCH 154	Introduction to Architectural Graphics	3
ARCH 243	Media in Architecture	3
ARCH 253	Architectural Design I	4
ARCH 254	Architectural Design II	4
ARCH 266	Materials and Methods	3
ARCH 353	Architectural Design III	6
ARCH 354	Architectural Design IV	6
ARCH 361	Structural Systems I	3
ARCH 362	Structural Systems II	3
ARCH 385	Global History of Architecture	3
ARCH 386	Global History of Architecture II	3
ARCH 388	Architectural Theory	3
ARCH 454	Architectural Design: Vertical Studio	12
& 454	and Architectural Design: Vertical Studio (Must be taken twice for credit)	
ARCH 461	Building Assemblies	3

ARCH 463	Environmental Control Systems I	3
ARCH 463L	Environmental Control System I Lab	1
ARCH 464	Environmental Control Systems II	3
ARCH 464L	Environmental Control System II Lab	1
ARCH 483	Urban Theory and Issues	3
ART 110	Integrated Art and Design Communication	2
ART 112	Drawing as Integrated Design Thinking	2
ART 121	Integrated Design Process	2
MATH 143	College Algebra	3
PHYS 111	General Physics I	3
PHYS 111L	General Physics I Lab	1
~~Select one of the following:~~		~~3-4~~
~~CS 112~~	~~Computational Thinking and Problem Solving~~	
~~PHIL 202~~	~~Introduction to Symbolic Logic~~	
~~STAT 251~~	~~Statistical Methods~~	
3 credits of 200-level or above courses from outside ARCH, LARC, ART, IAD, or VTD		3
3 credits of 200-level or above courses from within ARCH, LARC, ART, IAD, or VTD		3
3 elective credits from any discipline		3
Total Hours		~~87~~96

2. Make the following changes to the **M.Arch. in Architecture**:

Architecture (M.Arch.)

Candidates must fulfill the requirements of the College of Graduate Studies and the Architecture program. ~~Twenty-four~~ 36 of the 45 credits required for this degree must be at the 500 level, including the following courses: ARCH 510 (2 credits), ARCH 553 (6 credits), ARCH 554 (6 credits), and ARCH 556 (6 credits). The remaining courses required to complete credits for this degree may be 400- or 500-level architecture courses or 300- or 400-level courses in supporting areas.

Equivalents must be approved by the graduate program coordinator. Graduate students without an undergraduate architecture degree may also earn an accredited M.Arch. degree. Those students are placed in the program according to their academic qualifications, and depending on the background of the applicant, up to six years of study may be required to complete the degree requirements. Candidates must fulfill the requirements of the College of Graduate Studies and the Architecture program. Master of Architecture degree requirements are listed above.

Required courses include:

ARCH 510	Graduate Project Seminar	3
ARCH 553	Integrated Architectural Design	6
ARCH 554	Architectural Design: Vertical Studio	6
ARCH 556	Graduate Project	6

3

ARCH 568	Technical Integration in Design	3
ARCH 575	Professional Practice	3
Select Graduate Architecture Electives from the following:		6
ARCH 502	Directed Study	
ARCH 504	Special Topics	
ARCH 511	Native American Architecture	
ARCH 512	Identity and Place in Global Space	
ARCH 520	Architectural Research Methods	
ARCH 521	China Program Preparation Seminar	
ARCH 522	China's Urbanization Seminar	
ARCH 523	Cultural & Ethical Issues in Global Architectural Practice	
ARCH 552	Alternate Graduate Design Experience	
ARCH 570	Natural Lighting	
ARCH 571	Building Performance Evaluation	
ARCH 573	Daylight Design and Simulation	
ARCH 574	Building Performance Simulation for Integrated Design	
ARCH 580	British Green Architecture	
ARCH 585	Urban Design Seminar	
ARCH 599	Non-thesis Master's Research	
Total Hours		**33**

COLLEGE OF ENGINEERING

CHEMICAL AND MATERIALS ENGINEERING

1. Reactivate the following course:

   MSE 525 Electronic Materials
   3 credits
   Study of major chemical and physical principles affecting properties of solid-state engineering materials. Topics include bonding, carrier statistics, band-gap engineering, optical and transport properties, novel materials systems, characterization, magnetism, and comprehensive introduction to physics of solid-state devices.
   Prereq: Materials Science Engineering graduate student or Permission.

2. Reactivate and change the following course:

   MSE 517 Reaction Kinetics
   3 credits
   Application of absolute reaction rate theory; time and temperature dependence; kinetics of gas-solid reactions; kinetics of solid-solid reactions; corrosion, diffusion, and recrystallization. (Alt/years)
   Prereq: Materials Science Engineering graduate student or Permission.

COMPUTER SCIENCE

1. Create the following prefix:
   CYB (Cybersecurity)

2. Add the following courses:
   CYB 110 Cybersecurity and Privacy
   3 credits
   An introductory survey of the issues and complexity of cybersecurity and privacy in the digital age. Cybersecurity and privacy foundational concepts, case studies of cybersecurity breaches, application of cybersecurity for business, social media and the general populace. Survey of common threats, threat actors and responses. Survey of applicable laws.

   CYB 210 Cybersecurity Architectures and Management
   3 credits
   Introduces the components in an information technology system and their roles in system operation. Teaches students how to use these components to develop plans and processes for a holistic approach to cybersecurity for an organization.
   Prereq: CYB 110

   CYB 220 Secure Coding and Analysis
   3 credits
   Describes the characteristics of secure programs and the ability to implement programs that are free from vulnerabilities. Practice evaluating software, including adding security mechanisms into software and testing software for vulnerabilities. Two lectures and one 2-hour lab per week.
   Prereq: CS 121

   CYB 310 Cybersecurity Technical Foundations
   3 credits
   Provide students with basic information about the various threats that may be present in the cyber realm and introduce architectural mitigation strategies including cryptography.
   Prereq: CYB 110, CS 240

   CYB 330 Networking and Control Systems
   3 credits
   Covers common network protocols, how network components interact, and how networks evolve over time. Students expand their familiarity with network vulnerabilities.
   Prereq: CYB 210, CS 240

   CYB 331 Control System Fundamentals
   2 credits
   Introduces of the basics of industrial control systems, where they are likely to be found, and vulnerabilities they are likely to have.

CYB 340 Network Defense

3 credits

Covers concepts used in defending a network, and the basic tools and techniques that can be taken to protect a network and communication assets from cyber threats. Provide students with knowledge and skills related to detecting and analyzing vulnerabilities and threats and taking steps to mitigate associated risks.

Prereq: CYB 310, CYB 330

CYB 350 Operating System Defense

3 credits

This course provides fundamentals of secure operating system administration and hardening. Provide students with an understanding of the authorities, roles and steps associated with cyber operations.

Prereq: CYB 310

CYB 380 Cybersecurity Lab I

3 credits

This hands-on laboratory class allows students to get practical experience related to the cybersecurity threats, mitigations and scenarios that they have been introduced to in other courses. This includes classic buffer overflow and SQL injection style vulnerabilities, network monitoring as well as Windows and Linux security configurations. 6 hours of lab per week.

Prereq: CS 240

Coreq: CYB 310 and CYB 330

CYB 381 Cybersecurity Lab II

3 credits

This hands-on laboratory class allows students to get practical experience related to cybersecurity threats, mitigations and scenarios that they have been introduced to in other courses. This course builds on CYB 380 by focusing on more advanced threats and mitigations. 6 hours of lab each week.

Prereq: CYB 310, CYB 380

Coreq: CYB 340, CYB 350

CYB 401 Cybersecurity as a Profession

1 credit

Ethical, legal, social, and intellectual property issues; current research topics; and other issues of importance to the professional cybersecurity researcher. Graded P/F.

Prereq: Senior Standing in Computer Science

CYB 420 Computer and Network Forensics

3 credits

Provide students with the skills to apply forensics techniques throughout an investigation life cycle with a focus on complying with legal requirements. Provide students with the ability apply forensics techniques to investigate and analyze network traffic.

Prereq: CYB 310

CYB 440 Software Vulnerability Analysis
3 credits
Provide students with a thorough understanding of system vulnerabilities, to include what they are, how they can be found/identified, the different types of vulnerabilities, how to determine the root cause of a vulnerability, and how to mitigate their effect on an operational system. Provide students with the ability to describe why software assurance is important to the development of secure systems and describe the methods and techniques that lead to secure software.
Prereq: CYB 220, CYB 310

CYB 480 Cybersecurity Senior Capstone Design I
3 credits
Capstone design sequence for cybersecurity science majors. Formal development techniques applied to definition, design, coding, testing, and documentation of a comprehensive cybersecurity. Projects are customer-specified, includes real-world design constraints, and usually encompasses two semesters. Students work in teams. Significant lab work required.
Prereq: CS 381, CS 383, ENGL 317, Senior Standing

CYB 481 Cybersecurity Senior Capstone Design II
3 credits
Continuation of CYB 480. Application of formal design techniques to development of a large cybersecurity science project performed by students working in teams. Significant lab work required.
Prereq: CS 383, CYB 381, CYB 480, ENGL 317

COLLEGE OF LAW

1. Make the following changes to the **J.D. in Law**:

Law (J.D.)

Required course work includes the College of Law requirements and the following:

LAW 805	Civil Procedure & Intro to Law	2
LAW 806	Civil Procedure II	3
LAW 807	Property	4
LAW 809	Torts	4
LAW 812	Criminal Law	3

LAW 813	Contracts	2
LAW 814	Contracts II	3
LAW 815	Legal Writing and Analysis	0-5
LAW 816	Constitutional Law I	3
LAW 817	Academic Skills Lab I	1
LAW 821	Legal Research	1
LAW 859	Advanced Advocacy	2
LAW 905	Constitutional Law II	3
LAW 907	Administrative Law	3
LAW 919	Business Associations	4
LAW 950	Evidence	3
LAW 962	Professional Responsibility	3
Select 6 credits from the following experiential learning courses:		6
LAW 855	Water Law Practicum	
LAW 917	Negotiation and Appropriate Dispute Resolution	
LAW 932	Estate Planning	
LAW 958	Trial Advocacy	
LAW 971	Lawyering Process Seminar	
LAW 974	Legal Aid Clinic	
LAW 975	Classroom Credit Public Service Externship	
LAW 978	Entrepreneurship Law Clinic	
LAW 986	Judicial Clerkship Seminar	
LAW 991	Skill Practicum	
LAW 994	Economic Development Clinic	
LAW 995	Main Street Law Clinic	
LAW 996	Immigration Litigation & Appellate Clinic	
LAW 997	Mediation Clinic	
LAW 998	Tax Clinic	

Plus six credits from the list of experiential learning courses approved by the College of Law Faculty and provided in the Law Student Handbook

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For students in the fourth quartile the following courses are required; the courses are optional for other students with permission:

LAW 818	Academic Skills Lab II (to be taken in the student's second semester of J.D. study)	2
LAW 860	Applied Legal Reasoning (to be taken in the student's final Spring semester of J.D. study)	3

A maximum of 21 distance credits may be applied toward the J.D. No more than 6 distance credits applied toward the J.D. may come from courses outside the College of Law unless earned pursuant to an approved concurrent degree program.

To qualify for the J.D., the candidate must have a UI grade-point average of 2.30 or better. The GPA required for good academic standing is 2.30.

Satisfaction of the Upper-Division Writing Requirement through Law Review, or a Directed Study, or particular designated courses each year

50 Hours of uncompensated law related pro bono service

Total Hours
~~47-52~~ 48-53

Courses to total 90 credits for this degree.

2. Make the following changes to the **J.D. in Law – Business Law and Entrepreneurship Emphasis**:

A. Business Law and Entrepreneurship Emphasis

In addition to the requirements for the J.D., students in the Business Law and Entrepreneurship emphasis must complete the following requirements:

Students pursuing this emphasis must earn a minimum grade of 'C+' in each course taken to satisfy Business Law & Entrepreneurship emphasis requirements, plus a cumulative ~~2.50~~2.80 grade point average over all courses used to satisfy Business Law & Entrepreneurship emphasis requirements.

Required Courses:

LAW 919	Business Associations	4
LAW 925	Property Security	3
LAW 930	Taxation	3-4
Select one paper class from the following:		4
LAW 981	Critical Legal Studies Journal	
LAW 982	Law Review	
LAW 983	Directed Study	
Select one skills class from the following:		2-3
LAW 912	Civil Mediation	
LAW 917	Negotiation and Appropriate Dispute Resolution	

LAW 932	Estate Planning
LAW 978	Entrepreneurship Law Clinic
~~LAW 994~~	~~Economic Development Clinic~~
LAW 998	Tax Clinic

Select one of the following groups of courses: 12

Group A, Commercial Law Track

LAW 923	Payment Systems
LAW 924	Sales

Select 6 credits from the following:

LAW 854	Corporate Taxation
LAW 907	Administrative Law
LAW 926	Bankruptcy
LAW 927	Partnership and LLC Taxation
LAW 984	Real Estate Transactions
LAW 990	Consumer Law

Group B, Enterprise Organization Track

Select 12 credits from the following:

LAW 851	Advanced Torts
LAW 854	Corporate Taxation
LAW 903	Introduction to Intellectual Property
LAW 907	Administrative Law
LAW 908	Workplace Law
LAW 910	Antitrust
LAW 920	Securities Regulation
LAW 921	Accounting for Lawyers
LAW 922	Trademarks and Trade Dress
LAW 924	Sales
LAW 927	Partnership and LLC Taxation
LAW 984	Real Estate Transactions
LAW 992	White Collar Crime

Group C, Intellectual Property and Technology Law Track

LAW 903	Introduction to Intellectual Property

Select two classes from the following:

LAW 922	Trademarks and Trade Dress	
LAW 931	Patents	
LAW 980	Copyrights	

Select 5 credits from the following:

LAW 907	Administrative Law	
LAW 910	Antitrust	
LAW 918	Internet Law	
LAW 922	Trademarks and Trade Dress	
LAW 931	Patents	
LAW 980	Copyrights	
LAW 989	Mass Media Law	

Total Hours	28-30

Courses to total 90 credits for this degree

3. Make the following changes to the **J.D. in Law – Native American Law Emphasis**:

C. Native American Law Emphasis

In addition to the requirements for the J.D., students in the Native American Law emphasis must complete the following requirements:

Students pursuing this emphasis must earn a minimum grade of 'C+' in each course taken to satisfy Native American Law emphasis requirements, plus a cumulative 2.50 2.80 grade point average over all courses used to satisfy Native American Law emphasis requirements.

Required Courses:

LAW 949	Native American Law	3
LAW 928	Tribal Nation Economics and Law	3
or LAW 979	Native American Natural Resource Law	

Plus completion of the requirements from one of the following course tracks. Substitution from UI and WSU graduate courses allowed for one course in each track with pre-approval of Native American Law Emphasis Advisor.	6

Economic Development Track [1]

Select 6 credits from the following:

LAW 903	Introduction to Intellectual Property
LAW 907	Administrative Law

LAW 908	Workplace Law
LAW 910	Antitrust
LAW 919	Business Associations
LAW 921	Accounting for Lawyers
LAW 923	Payment Systems
LAW 925	Property Security
LAW 926	Bankruptcy
LAW 927	Partnership and LLC Taxation
LAW 930	Taxation
LAW 931	Patents
LAW 932	Estate Planning
LAW 933	State Debtor-Creditor Law
LAW 945	Community Property
LAW 984	Real Estate Transactions (Max 3 credits)

Family Law Track [1]

Select 6 credits from the following:

LAW 913	Family Mediation
LAW 940	International Human Rights
LAW 941	Wills, Estates, and Trusts
LAW 963	Family Law
LAW 964	Children and the Law
LAW 965	Elder Law
LAW 968	Domestic Violence and the Law
LAW 985	Immigration Law and Policy

Governance Track [1]

Select 6 credits from the following:

LAW 904	Federal Courts
LAW 907	Administrative Law
LAW 908	Workplace Law
LAW 912	Civil Mediation
LAW 916	Public International Law
LAW 917	Negotiation and Appropriate Dispute Resolution
LAW 934	Land-Use Law and Planning
LAW 944	State and Local Government Law

LAW 959	Critical Legal Studies
LAW 960	Conflict of Laws
LAW 961	Jurisprudence

Natural Resource Management Track [1]

Select 6 credits from the following:

LAW 906	Natural Resource Law Seminar
LAW 934	Land-Use Law and Planning
LAW 937	Wildlife Law and Policy
LAW 938	International Environmental and Water Law
LAW 939	Law, Science, and the Environment
LAW 942	Water Law I
LAW 946	Water and Energy Policy Seminar
LAW 947	Environmental Law
LAW 948	Public Lands and Resources Law
LAW 951	Environmental Policy
LAW 969	Water Law II

Self Directed Track [1]

Six credits in courses pre-approved by the Native American Law Advisor emphasis advisor

Total Hours	12

Courses to total 90 credits for this degree

4. Make the following changes to the **J.D. in Law – Natural Resources and Environmental Law Emphasis**:

D. Natural Resources and Environmental Law Emphasis

In addition to the requirements for the J.D., students in the Natural Resources and Environmental Law emphasis must complete the following requirements:

Students pursuing this emphasis must earn a minimum grade of 'C+' in each course taken to satisfy Natural Resources and Environmental Law emphasis requirements, plus a cumulative 2.502.80 grade point average over all courses used to satisfy Natural Resources and Environmental Law emphasis requirements.

Required Courses:

LAW 907	Administrative Law	3
LAW 971	Lawyering Process Seminar	2
Select 10 credits from the following:		10
LAW 852	Natural Resource and Environmental Law Field Course	
LAW 855	Water Law Practicum	
LAW 906	Natural Resource Law Seminar	
LAW 934	Land-Use Law and Planning	
~~LAW 937~~	~~Wildlife Law and Policy~~	
LAW 938	International Environmental and Water Law	
LAW 939	Law, Science, and the Environment	
LAW 942	Water Law I	
LAW 946	Water and Energy Policy Seminar	
LAW 947	Environmental Law	
LAW 948	Public Lands and Resources Law	
LAW 951	Environmental Policy	
LAW 969	Water Law II	
LAW 979	Native American Natural Resource Law	
~~LAW 994~~	~~Economic Development Clinic~~	
WR 506	Interdisciplinary Methods in Water Resources	
Total Hours		15

Courses to total 90 credits for this degree

COLLEGE OF LETTERS, ARTS AND SOCIAL SCIENCES

INTERDISCIPLINARY STUDIES

1. Reactivate the following course:

INTR 201 Major/Career Exploration & Decision Making
1 credit
Students are taken through the career decision-making process. Through career assessments, occupation & industry research, and informational interviews, students will learn about themselves and explore possible careers in order to narrow down their options and make informed major and career decisions.

SOCIOLOGY AND ANTHROPOLOGY

1. Add the following courses:

    CRIM 340 Sex Crimes
    3 credits
    This course explores various aspects of sexual crimes, offenders, and deviance. Topics may include, but are not limited to, historical and current perspectives of sex offender legislation, victimization issues, theoretical explanations, and processing offenders in the criminal justice system. Special focus will be placed on sexual offenses and sexual deviance in various locations and settings. **Prereq:** CRIM 101

    SOC 466 Climate Change and Society
    3 credits
    This course introduces students to social, economic, political, and cultural dimensions of climate change. It considers the global nature of climate change, its causes and effects, and key issues related to climate change communication, adaptation, and mitigation. Upon completion of the course, students will be able to identify several key sociological issues related to climate change (e.g., human impact on climate change, institutional and political responses, public opinions and skepticism, impact on marginalized communities, challenges to communication, role of emotions in climate change, potential avenues for mitigating negative effects).

2. Reactivate the following courses:

    ANTH 462 Human Issues in International Development
    3 credits
    Gen Ed: Social Science, International
    Joint-listed with ANTH 562, Cross-listed with LAS 462
    Course content includes the historical and political contexts that shape development, development theories, and approaches, along with the global challenges of poverty, social inequalities, and environment. Culture as an important consideration in development is emphasized. Additional projects/assignments required for graduate credit. (Alt/years)

    ANTH 562 Human Issues in International Development
    3 credits
    Joint-listed with ANTH 462
    Course content includes the historical and political contexts that shape development, development theories, and approaches, along with the global challenges of poverty, social inequalities, and environment. Culture as an important consideration in development is emphasized. Additional projects/assignments required for graduate credit. (Alt/years)

COLLEGE OF SCIENCE

STATISTICAL SCIENCE
1. Make the following changes to the **Statistics Academic Graduate Certificate**:

Statistics Academic Graduate Certificate

STAT 431 or similar course preparation must be completed prior to pursuing this academic certificate. At least half of the credits used for this certificate must be at the 500-level.

STAT 422	Sample Survey Methods	3
or STAT 507	Experimental Design	
Select additional courses from the following:		9
One of STAT 419, STAT 426, or STAT 427	Introduction to SAS/R Programming, SAS Programming, or R Programming	
STAT 422	Sample Survey Methods	
STAT 451	Probability Theory	
STAT 452	Mathematical Statistics	
STAT 507	Experimental Design	
STAT 514	Nonparametric Statistics	
STAT 516	Applied Regression Modeling	
STAT 517	Statistical Learning and Predictive Modeling	
STAT 519	Multivariate Analysis	
STAT 535	Introduction to Bayesian Statistics	
STAT 555	Statistical Ecology	
STAT 565	Computer Intensive Statistics	
Other advisor approved electives		
Total Hours		12

Courses to total 12 credits for this certificate

MISCELLANEOUS

AEROSPACE STUDIES

1. Drop the following course:

    AERO 391 Private Pilot Ground School
    2 credits
    All aspects of preparation for the FAA Private Pilot Written Test. Additional fees will be required.
    Cooperative: open to WSU degree-seeking students.

MEDICAL EDUCATION (WWAMI PROGRAM)

1. Add the following courses:

    MEDS 527 Investigative Inquiry
    6 credits
    The purpose of the Independent Investigative Inquiry – the III – portion of the curriculum is to engage students in activities that will foster the skills of life-long learning essential for practicing physicians in the 21st century. Each student selects a topic of particular interest to her or him, and to investigate the subject independently, following the advice of a faculty advisor and other resources in the WWAMI community.
    Prereq: Admission to the WWAMI program

    MEDS 528 Investigative Inquiry Project
    1 credit
    Students will engage in a project with an in-depth focus on a health-related issue, thereby giving additional context to their training and career as a physician. In the process they will develop the skills to acquire and critically evaluate new information under the guidance of faculty mentorship. This will culminate in dissemination of their scholarly work through a poster presentation or a final paper depending on the type of scholarship chosen.
    Prereq: MEDS 527

2. Change the following course:

    MEDS 517 Research Methods
    ~~6~~1 **credit**~~s~~
    Community health and disease, including assessment of disease risk and mechanisms of epidemic detection, spread, and control; interpretation of research design, data analysis, bias source; and clinical epidemiology, including evaluation and application of diagnostic tests, natural history of disease, and quantitative aids for clinical decision making. ~~Course offered Summer. 6cr. Must be a WWAMI Medical Education Professional Student. (This course is the equivalent of MedSci 500 offered in Seattle)~~
    Prereq: WWAMI Student