# UNIVERSITY OF RHODE ISLAND FACULTY SENATE 

APRIL 17, 2014

## Faculty Senate Curricular Affairs Committee Five Hundred and Fourteenth Report

At the March 24, 2014 meetings of the Curricular Affairs Committee and by electronic communication, the following matters were considered and are now presented to the Faculty Senate.

# SECTION I <br> Informational Matters 

COURSE CHANGES
ART 300, delete course

## ART 300 Gallery Internship

## PLS 150, change title

PLS 150 Plants, People and the Planet ( 3 crs .)
Fundamentals of plant biology, emphasizing the structure, physiology, and ecology of vascular plants common to gardens and landscaped environments. (Lec. 3) (N)

## TEMPORARY COURSES

## ARB 111X Intensive Beginning Arabic I (4 crs.)

Introduction to Arabic letters, sounds and basic conversational language in colloquial and standard Arabic. (Lec. 3, Rec. 1)

ARB 211X Intensive Intermediate Arabic I (4 crs.)
Intermediate colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1)

## ARB 311X Intensive Advanced Arabic I (4 crs.)

Advanced colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1)

## SECTION II

Curricular Matters Which Require Confirmation by the Faculty Senate

## COURSE CHANGES

OCG 123, change title, credits, and description
OCG 123 Climate Change and the Oceans (3 crs.)
The impact of human activities on the climate system, with emphasis on the ocean, set against a background of natural processes in and history of global environmental changes (Lec. 3) (N)

CHE 232 (332), change course number and title
CHE 232 (332) Materials Science and Engineering (3 crs.)
Fundamentals of physical metallurgy as they apply to the engineering of metals and their alloys. Properties, characteristics, and structure of metals, theory of alloys, thermal processing, and studies in corrosion. (Lec. 2, Lab. 3) Not open to students with credit in CHE 333. Pre: CHM 101, 103, or 191 or permission of instructor.

CHE 364 (464), change course number
CHE 364 (464) Chemical Kinetics and Reactor Design ( 3 crs.)
Mole balances in batch and continuous chemical reactors; reaction rate fundamentals; isothermal and non-isothermal chemical reactors. (Lec. 3) Pre: CHE 313 or permission of instructor. Not for graduate credit.

CHE 428 (328), change course number, title, description, and method of instruction
CHE 428 (328) Professional Experience (1 crs.)
Mandatory CHE seminar attendance and written reports. Plant trips may be included. (Seminar 1) Pre: CHE 348 or permission of instructor.

## GER 111, change title and method of instruction

GER 111 Intensive Beginning German I (4 crs.)
Study of the fundamentals of German with special emphasis on listening and speaking skills. (Lec. 3, Rec.1). Not for major credit in German.

GER 112, change title and method of instruction
GER 112 Intensive Beginning German II (4 crs.)
Study of the fundamentals of German with special emphasis on listening and speaking skills. Students enrolling in this course should have taken GER 111 or equivalent. (Lec.3, Rec.1). Not for major credit in German.

## NEW COURSES

## ARB 111 Intensive Beginning Arabic I (4 crs.)

Introduction to Arabic letters, sounds and basic conversational language in colloquial and standard Arabic. (Lec. 3, Rec. 1)

ARB 112 Intensive Beginning Arabic II (4 crs.)
Beginning course in colloquial and standard Arabic, basic conversational and reading skills. (Lec. 3, Rec. 1) Pre: ARB 111 or instructor consent.

ARB 211 Intensive Intermediate Arabic I (4 crs.)
Intermediate colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1) Pre: ARB 102, 112 or instructor consent.

ARB 212 Intensive Intermediate Arabic II (4 crs.)
Intermediate colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1) Pre: ARB 211 or instructor consent

ARB 311 Intensive Advanced Arabic I (4 crs.)
Advanced colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1) Pre: ARB 212 or instructor consent.

## ARB 312 Intensive Advanced Arabic II (4 crs.)

Advanced colloquial and Standard Arabic, developing reading, writing, speaking, listening skills. (Lec. 3, Rec. 1) Pre: ARB 311 or instructor consent

ARB 325 Topics in Arabic Studies in Translation (3 crs.)
Topics in Arabic literature, culture and language taught in English using texts in translation. May be repeated with different topic. (Lec. 3)

## ARB 497 Directed Study (1-3 crs.)

Directed Study in Arabic Language (Ind. Study 1-3) Pre: Instructor Consent.

## BIO 444 Insect Ecology (3 crs.)

Ecology of insects and other terrestrial arthropods at the physiological, individual, population, community, and ecosystem levels. (Lec. 3) Not for graduate credit. Pre: BIO 262 or ENT 385.

CSF 412 Digital Forensics II (4 crs.)
Selected focused topics on acquiring and analyzing evidence from digital devices. Details on analysis of specific operating system artifacts. (Online 4) Not for graduate credit. Pre: CSF 410.

CSF 434 Network and Systems Security ( 4 crs.)
Advanced security topics including intrusion detection, penetration testing, incident response, malware analysis, and risk management. (Online 4) Not for graduate credit. Pre: CSF 432.

NUE 391 Reactor Operations I (3 crs.)
Research reactor theory and operations, fundamentals of fission chain reacting systems, reactivity and feedback, fundamentals of radiation safety and protection, application of radiation measurement instruments. (Lec. 3) Pre: permission of instructor.

## NUE 392 Reactor Operations II (3 crs.)

Hands-on reactor operation, control rod analysis for approach to criticality, reactor cooling system operational analysis, application of radiation measurement instruments. Second of a two-course sequence. (Lec. 2, Rec. 1) Pre: NUE 391, and permission of instructor.

PSY 302 Applied Methods in Psychological Research ( 3 crs.)
This course will provide a structured training experience addressing data management, statistical analysis, how to handle methodological problems, and interpretation of results for applied psychology research topics. (Lec. 2, Rec. 2) Pre: Grades of C or higher in PSY 200 (previously PSY 300) Quantitative Methods in Psychology and PSY 301 Introduction to Experimental Psychology, or permission of the instructor.

## CURRICULUM CHANGES

## College of Arts \& Sciences

## A. Department of Modern \& Classical Languages \& Literatures: Change to the degree requirements for the B.A. in Chinese. (See Appendix A)

Background and Rationale:
Current catalog language states that CHN 101 and 102 do not count for the major. While CHN 101 and 102 ( 3 credits each) are still offered, we increasingly offer the intensive courses CHN 111 and CHN 112 ( 4 credits each). CHN 111 meets five days a week and covers the same material as CHN 101 and 102. Therefore, beginning with CHN 112, courses need to count for the major. The current catalog language needs to be changed to reflect the fact that CHN 111 does not count toward the major, but CHN 112 does.

Existing catalog language (first sentence):
Students selecting the Chinese major are required to complete at least 30 credits (maximum 45) in Chinese, not including CHN 101, 102 or equivalent.

Proposed catalog language (replacing the above-stated first sentence):
Students selecting the Chinese major are required to complete at least 30 credits (maximum 45) in Chinese, not including CHN 101, 102, 111 or equivalent. CHN 112 will count toward the 30 credits required for the major."

## B. Department of Computer Science and Statistics: Change requirements for BA in Computer Science. (See Appendix B)

Change paragraph in catalog from:
"In order to transfer from University College to the College of Arts and Sciences as a B.A. computer science major (or to be coded as such in the College of Arts and Sciences), a student must have completed CSC 211, CSC 212, and MTH 141, and must have at least a 2.00 GPA in all CSC and MTH courses required in the B.A. program that have been completed at the time of the application for transfer."

Change to:
"In order to transfer from University College to the College of Arts and Sciences as a B.A. computer science major (or to be coded as such in the College of Arts and Sciences), a student must have completed CSC 211, CSC 212, and MTH 141, and must have at least a 2.00 cumulative GPA in all CSC and MTH courses required in the B.A. program that have been completed at the time of the application for transfer."

Summary of proposed program changes:

1) Addition of CSC 106 - This course will provide students entering the major with an inviting and engaging introduction to programming (see course proposal for detailed justification).
2) Removal of CSC 320 - In order to make room in the curriculum for the extra programming course, CSC 320 was removed as a requirement. Students may still take this course as an optional CSC elective.
3) Addition of one programming course - The previous requirements required students to take two CSC elective courses at the 300 -llevel or above. Here we are requiring that one of these elective courses has a substantial programming component, chosen from a list of approved courses. This requirement was added to reinforce the expected student outcome of designing and implementing solutions to significant computational problems.
4) Addition of CSF elective option - The Digital Forensics and Cyber Security courses within the department have been assigned a new course code - CSF (proposal currently in final stages of approval). This modification allows students to take one CSF course as a professional elective.
5) Change MTH 215 requirement to list of choices - The previous curriculum required MTH 215 as the second math course. The proposed curriculum allows students to choose from a list of approved courses for the second math course. This change was made because any of the courses in the list will provide students with the core mathematical concepts specified in the expected student outcomes for the BA program.
6) Addition of HPR 112 to WRT requirement - HPR 112 is the honors version of one of the writing courses that we already allow, so it was added to the list.
7) Removal of COM requirement - The previous curriculum required a COM course. The proposed curriculum removes this requirement and defers to the General Education requirements.

## C. Department of Computer Science and Statistics: Change requirements for BS in Computer Science. (See Appendix C)

Change paragraph in catalog from:
"In order to transfer from University College to Arts and Sciences as a B.S. computer science major (or to be coded as such in the College of Arts and Sciences), a student must have completed CSC 211, CSC 212, MTH 141, and MTH 142 and must have at least a 2.00 GPA in all CSC and MTH courses required in the B.S. program that have been completed at the time of the application for transfer."

Change to:
"In order to transfer from University College to Arts and Sciences as a B.S. computer science major (or to be coded as such in the College of Arts and Sciences), a student must have completed CSC 211, CSC 212, MTH 141, and MTH 142 and must have at least a 2.00 cumulative GPA in all CSC and MTH courses required in the B.S. program that have been completed at the time of the application for transfer."

Summary of proposed program changes:

1) Addition of CSC 106 - This course will provide students entering the major with an inviting and engaging introduction to programming (see course proposal for detailed justification).
2) Removal of CSC 350/445 - In order to make room in the curriculum for the extra programming course, the requirement to take one of CSC 350 and CSC 445 was removed as a requirement. Students may still take these courses as an optional CSC electives.
3) Addition of one programming course - The addition of this requirement is to ensure that students have at least one elective course with a substantial programming component, chosen from a list of approved courses. This requirement was added to reinforce the expected student outcome of designing and implementing solutions to significant computational problems.
4) Addition of CSF elective option - The Digital Forensics and Cyber Security courses within the department have been assigned a new course code-CSF (proposal currently in final stages of approval). This modification allows students to take one CSF course as one of their professional electives.
5) Change MTH 243 and MTH 215 requirement to list of choices - The previous curriculum required MTH 243 and MTH 215. The proposed curriculum allows students to choose two from a list of approved courses instead. This change was made because any of the courses in the list will provide students with the core mathematical concepts specified in the expected student outcomes for the BS program.
6) Change Physics requirement to list of choices: -- The previous curriculum required PHY 203/273 and PHY 204/274. The proposed curriculum allows students to choose two from a list of approved courses. These courses are approved Natural Science General Education courses that have a lab component. This change was made because any of these courses will provide students with the desired experience in scientific reasoning that is specified in the expected student outcomes for the BS program.
7) Addition of HPR 112 to WRT requirement - HPR 112 is the honors version of one of the writing courses that we already allow, so it was added to the list.
8) Removal of COM requirement - The previous curriculum required a COM course. The proposed curriculum removes this requirement and defers to the General Education requirements.

## D. Department of Computer Science and Statistics: Creation of Minor in Cyber Security. (See Appendix D)

Overview: This program is designed to provide students with the fundamental technical, legal, and procedural concepts required in Cyber Security. Cyber Security is the discipline involved with preventing, detecting and responding to attacks on computer systems and networks. The field requires an in-depth understanding of computer systems and computer networks as well as social/legal issues, and accepted procedures.
Completion requirements: To complete a minor in Cyber Security a student must take the following courses:

- CSF 430 (Introduction to Information Assurance)*
- CSF 432 (Network and Systems Security)**
- CSF 434 (Topics in Network and Systems Security)**
- Plus two more courses from among the following:
o CSF 410 (Digital Forensics)*
o CSC 417 (Computer Communications)
o CSC 418 (Information and Network Security)
o HPR 108 (Honors Seminar in Mathematics - Cryptography)
o CSC 541 (Advanced Topics in Algorithms - Cryptography)
o CSF 524 (Advanced Incident Response)*
o CSF 536 (Advanced Intrusion Detection and Defense)*
o CSF 538 (Penetration Testing)**
o Other faculty approved course
* Existing course renumbered with new course code.
** New course proposed concurrently with this Notice of Change


## E. Department of Computer Science and Statistics: Change of Minor in Digital Forensics. (See Appendix E)

We are requesting three changes to the current Digital Forensics minor program:

- New course codes reflecting the change in digital forensics courses from a Computer Science (CSC) course code, to a Computer Forensics and Security (CSF) course code.
- The addition of a new required course: "CSF 412: Digital Forensics Analysis" (making the minor have 3 required courses instead of its current 2, with all other courses coming from the listed courses by category). The new course will require an additional per-course instructor or allocation of an existing faculty member's in-load assignment. This is in addition to the two per-course instructors currently provided for the other two required courses in the minor.
- An adjustment of the optional courses to focus on criminalistics/legal aspects.

Required Courses

- (4 credits) CSF 410 Digital Forensics
- (4 credits) CSF 412 Topics In Digital Forensics
- (4 credits) CSF 414 Digital Forensics Analysis

6 credits from:

- (3 credits) HPR 108 Intro To Computer Forensics
- (3 credits) CHM 392 Criminalistics*
- (3 credits) PSC 274/ SOC 274 Criminal Justice System
- (3 credits) PSC 288 The American Legal System
- (1-3 credits) CSC 491 Independent Study In Computer Science
- (1-3 credits) CSC 499 Internship in Computer Science
* CHM 392 may be replaced by transfer credits from CCRI that result from taking CCRI's LAWS 1030 Criminalistics I


## F. Harrington School of Communication and Media: Changes to BA in Public Relations. (See Appendix F)

Current Application Process for PR Program: The Public Relations Program currently accepts students with a minimum GPA of 2.00 overall and 2.50 in the pre-major courses. Students apply to the Public Relations Program in February of each year.

Requested Change: (Effective September, 2014)
*Application Process
*Program Change

## Application Process - Change GPA to 3.0

To remain a competitive player in the academic landscape, the application process will continue.

To distinguish this Program, the competitive application should be designed to attract motivated students with an exceptional GPA. Therefore, we request the GPA requirement of a 2.00 GPA overall and 2.50 GPA in the pre-major courses be changed to a 3.00 GPA overall and a 2.50 in the pre-major courses effective September, 2014. Exception: approval by the Chairperson of Communication Studies, since the Public Relations Program resides within Communication Studies.

## Program Change

To propel the Public Relations Program to meet both the competitive demands of the marketplace and the needs of our students, the following program changes are requested effective September, 2014: (listed below. For comparison, the existing Major's Worksheet is attached).
Exception: students currently considered "wanting Public Relations" with a catalog year of 2012, 2013 will follow the existing curriculum. Please refer to attachment.

## Public Relations Program: 39 credits (proposed changes to Program)

## Two Pre-Major Courses: ( 6 credits)

PRS100 - Introduction to Public Relations (required grade of B to advance in Program)

COM202 - Public Speaking
Required Courses: ( 21 credits)
WRT331- Writing Public Relations
PRS320- Strategic Media Relations
PRS340- PR Strategies
PR441-PR Campaigns
PRS491- PR Internship
COM381-Research Methods
JOR341-Editing for Journalism
The most notable change is the addition of PRS100: Introduction to Public Relations as a pre-major course. A strategic decision, the addition of this course will provide students interested in majoring in Public Relations with a comprehensive overview of the theories and concepts associated with public relations. Students will gain an understanding of Public Relations to include: historical overview; Code of Ethics; defining and understanding your public; overview of press releases, media advisories, managing the needs of the nonprofit. As a pre-major course, students have the opportunity to make an informed decision about pursuing Public Relations both as their Major and future career path. Equally important as a pre-major course is COM202: Public Speaking. This course provides students with the necessary skills to be proficient public speakers in a variety of venues.

The newly approved PRS320: Strategic Media Relations represents a significant advancement for the Program as students will develop media relations proficiencies. In addition, the proposal indicates students will complete four electives as opposed to the current program requiring six electives. The change in the number of electives will allow students to effectively manage this Program given the addition of a new major course.

Once accepted to the Public Relations Major, students will enroll in the required courses as identified above.

## Electives

Current requirement regarding electives: Currently, students enroll in a total of six electives resulting in 18 credits. Students will complete a minimum of one course per category.

Requested Change: With the addition of two required courses identified in the list of "Required Courses" (see above list), it is requested the number of electives be changed from six electives to four electives (one course from each category). This change will allow students to effectively manage a 39-credit Major.

Request for change to electives: students select four electives with one from each category ( 12 credits).

| Category A: <br> Writing | Category B: <br> Marketing | Category C: <br> Communication | Category D: <br> Specialty |
| :--- | :--- | :--- | :--- |
| JOR 321: Feature <br> Writing | BUS 365: <br> Principles of <br> Marketing | COM 302: <br> Advanced Public <br> Speaking | COM 415: Ethics <br> of Persuasion |
| WRT 201: Writing <br>  <br> Persuasive Texts | BUS 465: <br> Marketing <br> Communication | COM 351:Oral <br> Communication <br> for Business | JOR 442: Editing II <br> (design) |
| WRT 235: <br> Writing in <br> Electronic <br> Environments | BUS 468: Global <br> Marketing | COM 415: Ethics <br> of Persuasion | JOR 410: Media <br> Issues (Pre-req: JOR <br> 110 E Senior or <br> permission of <br> instructor) |
| WRT 302: Writing <br> Cultures |  | COM 450: <br> Organizational <br> Communication | PSY 335: Social <br> Behavior (pre-req: <br> PSY 113 and junior <br> or permission of <br> instructor) |
| WRT 303: Public <br> Writing |  | PRS 200: <br> Introduction to <br> Event <br> Management |  |
| WRT 304: Writing <br> for Community <br> Service |  |  | PRS/COM 442: <br> Strategic Media <br> Communication |
| WRT 333: <br> Scientific/ Tech <br> Writing |  |  | PRS300: Social <br> Media Strategies <br> for the PR <br> Professional |

## College of Engineering:

## A. Department of Civil and Environmental Engineering: Change to degree requirements for BS in Civil Engineering. (See Appendix G)

Replace CVE 478 with CVE 477 in a group of courses from which the students need to select one professional elective for their BS in Civil Engineering degree:

The related info on the catalog is:
Electives. Three of the twelve credits of required professional electives must be selected from the following courses: CVE 470, 471, 475, 478.

This will be changed to:
Electives. Three of the twelve credits of required professional electives must be selected from the following courses: CVE 470, 471, 475, 477.

## Justification

CVE students are required to select one out of four environmental courses, namely CVE 470, CVE471, CVE475 and CVE478. We would like to replace CVE478 (Hazardous Waste Disposal and Solid Waste Management) with CVE477 - Environmental Sustainability and Green Engineering. It is noted that CVE478 is not offered frequently and also there is increased emphasis on sustainability within civil engineering.

## B. Department of Nuclear Engineering: Create a new course code, NUE, for Nuclear Engineering. (See Appendix H)

The nuclear engineering minor was approved for offering starting Fall 2010. The program has been very successful in attracting students. It has grown to an average of 90 students per year registering for the six nuclear engineering courses offered. An average of 12 students graduate every year with the nuclear engineering minor. The program began by creating new professional elective courses in mechanical engineering and chemical engineering departments. We are requesting the new course prefix to make it more clear to our students as to which courses are offered and appropriate for the nuclear engineering minor.

## College of Environment and Life Sciences:

## A. Department of Environment and Natural Resource Economics: Change to degree requirements for BS in Environmental and Natural Resource Economics. (See Appendix I)

Drop two basic science courses:

- PHY109/110 (4 credits)
- CHM124/126 (4 credits)

Of the 8 total credits, 6 will be allocated to Supporting Electives and 2 will be allocated to free electives. This results in 20 credits in supporting electives and 8 credits in free electives, so both of our options have 8 credits in free electives.

Rationale: These basic science classes are not prerequisites for other courses in the program, with the exception of one optional NRS course. Dropping these unnecessary requirements provides students with more flexibility in designing a program of study that fits their professional goals, and facilitates students' program completion which we hope will contribute to improvements in four-year graduation rates. NRS faculty supports the idea of dropping these courses.
B. Department of Geosciences: Requirements to pass out of University College into the Geology \& Geological Oceanography B.S. degree program. (See Appendix J) Problem: Currently, the rules for leaving University College stipulate only a 2.0 average after 24 credits. Our experience suggests that this is not be sufficient to ensure a reasonable probability of success in the major; leading to repeated courses and longer graduation times.

Solution: We propose instead:
A student may leave University College for the B.S. degree in Geology \& Geological Oceanography if the following conditions have been met. (S)he has:

- Completed total of 30 cr . with a grade point average of 2.0 or greater;
- Achieved minimum of a B-- in GEO 103;
- Achieved minimum of a C in CHM 101; and
- Achieved minimum of a C+ in MTH 111 or a C in MTH 131.

Justification: The increase to 30 credits gives the student a bit more class experience, but is easily achievable by the end of the first year (especially following our "Academic Map," prepared in conjunction with University College). The courses and grades stipulated have proven to be good predictors of preparedness for the rigors of the major.

If applicable, please include the existing URI catalog language and proposed catalog language changes that relate to your request.

We propose that a new paragraph be added to the Geology \& Geological Oceanography major description (http:/ / web.uri.edu/ catalog/geology-and--geological-oceanography/) in the catalog.

Located after the existing one--sentence paragraph that states, "A total of 120 credits and a 2.00 grade point average within the major are required for graduation," we propose the addition of the following paragraph:

To transfer from University College to the College of the Environment and Life Sciences as a Geology \& Geological Oceanography major (or be coded as such in the College of the Environment and Life Sciences), a student must have earned at least a 2.0 grade point average in a minimum of 30 total credits, as well as a minimum of a B.. in GEO 103; a minimum of a C in CHM 101, and a minimum of a C+ in MTH 111 or a C in MTH 131.

## C. Department of Natural Resource Science: Change to degree requirements for BS in Wildlife and Conservation Biology. (See Appendix K)

Changes to the BS Wildlife and Conservation Biology Program:

1. Delete GEO 103 (Understanding the Earth) as a major requirement
2. Move BIO 262 (Introductory Ecology) to the Professional Course category
3. Add the following admission requirements to the degree:
a. BIO 101, 102, 103, 104 with grades of C or better
b. NRS 100 with a grade of C or better.

Wildlife and Conservation Biology. The major requires 19 credits of professional courses, which include natural resource conservation, seminar in natural resources, introductory ecology, resource economics, introductory soil science, and conservation biology. As part of the basic science requirements (22-23 credits), wildlife majors must complete eight credits in introductory biological sciences; four credits in introductory chemistry; four credits in organic chemistry; three credits in introductory calculus; and three credits in introductory statistics. Required concentration courses ( $23-25$ credits) include three credits in the principles of wildlife ecology and management; three credits in wildlife field techniques; four credits in field botany and taxonomy; four credits in wetland wildlife or nongame and endangered species management; and 9-11 credits from an approved list of concentration courses that may include, for example, field ornithology, mammalogy, vertebrate biology, herpetology, animal behavior, and wildlife biometrics. Supporting electives ( $24-26$ credits) must be selected from the approved list. We encourage students to complete course work so they can become a certified wildlife biologist, which includes the following upper-division course work in their supporting electives: at least one credit in botany; six credits in zoology; six credits in resources policy or administration, environmental law, or land use planning; and six credits in communications. Additional supporting electives must be selected from concentration electives, or from other 300- or 400-level natural resources science courses. Up to 12 credits of experiential learning courses may be taken toward satisfying concentration (letter grade courses only) and supporting elective requirements (letter or $\mathrm{S} / \mathrm{U}$ courses). Concentration and supporting elective courses must total at least 49 credits. At least 12 credits of natural resources science courses must be completed in concentration and at least six more in supporting electives. A total of 120 credits is required for graduation.

In order to transfer from University College to the College of the Environment and Life Sciences as a Wildlife and Conservation Biology major (or be coded as such in the College of the Environment and Life Sciences), a student must have earned a minimum of 30 credits with a 2.0 GPA or better including BIO 101, 103, 102, 104 with grades of C or better; NRS 100 with a grade of C or better.

## College of Pharmacy:

## A. Six-year Entry Level Pharm.D. Curriculum Requirements (See Appendix L)

A total of 202 credits is required for graduation. Proficiency in American Red Cross standard first aid, community CPR, and physical assessment (PHP 900) is also expected of each student prior to advanced practice rotation.

Experiential Rotations. Introductory and advanced pharmacy practice experiential rotations may be scheduled at a distance from the Kingston campus. These rotations contribute importantly to the depth and breadth of the experiential program. While the college makes every effort to accommodate student requests regarding rotations, students should anticipate having some rotations assigned at a distance. For these rotations, students are responsible for their costs of transportation, intern licenses and housing if needed.

Criminal Background Checks. Certain hospitals, clinical facilities, and other professional sites that participate in both the introductory pharmacy practice experiences (IPPE) and advanced pharmacy practice experiences (APPE) require-All students must to undergo a criminal background check yearly annually during the professional (P1 to P4) years of the program. The criminal background check must be completed prior to the fall semester of each professional year and before any Introductory Pharmacy Practice Experience (IPPE) is initiated. Many hospitals, clinical facilities, and other professional sites that participate in both the IPPE and advanced pharmacy practice experience (APPE) programs require certification that student's have a clear criminal record (or a criminal record which, due to the timing or nature of the criminal behavior, or the relevant circumstances, does not, in the judgment of the site preclude the student's participation in the practicum experience at their site) prior to initiating pharmacy practice experiences. Students with criminal records may be denied positions at these sites._ A Students with criminal records, therefore, should be aware that their criminal record may preclude their participation in clinical experiences at some sites, and as a s a result, their progression to meet the degree requirements may be impeded.

Drug Testing. Many hospitals, clinical facilities, and other professional sites that participate in both the introductory practice experiences (IPPE) and advanced practice experiences (APPE) require students to undergo a drug test. Students who test positive for an illegal drug will be denied positions at these sites. As a result, their progression to meet the degree requirements will be impeded.

Intern License Requirement. Registration as an intern pharmacist is a requirement of the program; therefore aAll students in the professional Pharm.D. program must hold a valid Rhode Island intern license when they enter the fall semester of their first professional year and before any Introductory Pharmacy Practice Experience (IPPE) is initiated. The Rhode Island intern license must be and-maintained it throughout the
professional program (P1 to P4 years). Students completing IPPE or APPE experiences in other states must obtain an obtain an intern license through the board of pharmacy of the state(s) in which they have their those introductory and advanced pharmacy practice experiences. Intern licensure in Massachusetts is recommended for all students, but not required. Registration as an intern pharmacist is a requirement of the program; students must apply for a license prior to the fall semester of their first professional year.

Students must hold a valid intern license when they enter the fall semester of their first professional year and maintain it throughout the professional program. For experiential coursework, students must have a Rhode Island license and Massachusetts one as well.

To be eligible for an intern license, students must be currently enrolled in a pharmacy program. Intern licenses must be returned to the board if a student withdraws or takes a leave of absence from the college.

Applications for a an intern license also normally license require the applicant to s disclosure, and provide an explanation of, of any criminal conviction (or any plea or other form of admission or acceptance of responsibility for criminal conduct, including driving under the influence), as well as any state disciplinary action involving or affecting the applicant's license to practice, any other pending state charges or investigations relating to the applicant, and any adverse proceeding or action relating to the applicant's membership in a professional society. s of under federal or, state, or local statutes laws (including driving under the influence

