The following motions were approved at the Second Meeting of Senate for the 2024-2025 academic year on Friday, October 18, 2024, and are subject to change upon approval of minutes at the next Senate meeting.

MOTION: (T. Mady /M. Turnbull) to approve the agenda as presented. CARRIED.

MOTION: (S. Murray/A. Doyle) to approve the September 13, 2024 minutes as presented.

MOTION: (M. Turnbull/M. Clapson) to defer approval of the September 13, 2024 minutes to the next meeting in order to add additional comments and discussion regarding the proposal from the Academic Planning and Curriculum Committee for the Master of Cleantech Leadership and Transformation Program. CARRIED.

The following Motions 1 – 10 relate to the Second Curriculum report of the Academic Planning and Curriculum Committee (appended to this document).

OMNIBUS MOTION: (W. Montelpare/A. Campbell) that motions 1 and 2 be approved as noted below. A. MacLaren, A .MacKenzie and N. Mannholland ABSTAINED. CARRIED.

1. Approve NURS 0001- Evidence Informed Decision Making in Professional Nursing Practice as a required non-credit course for the LPN to BScN Pathway.
(See details in the attached Curriculum Report – Pages 3-4)
2. To make updates to BScN and LPN pathway articulation agreement.
(See details in the attached Curriculum Report – Pages 5-9)

OMNIBUS MOTION: (N. Etkin/Y. Rashchupkina) that motions 3-10 be approved as noted below. CARRIED.

3. To have the change in pre-requisite PHYS 2030 Computational Physics be approved as proposed.
(See details in the attached Curriculum Report – Page 11)
4. To have the changes in the Requirements for the Majors in Physics be approved as proposed.
(See details in the attached Curriculum Report – Pages 12-18)
5. To have the changes in the Requirements for the Honours in Physics be approved as proposed.
(See details in the attached Curriculum Report – Pages 19-26)
6. To have the change in course description of RAD 2010 be approved as Proposed.
(See details in the attached Curriculum Report – Page 27)
7. To have the course description change for RAD 2020 be approved as proposed.
(See details in the attached Curriculum Report – Page 28)

8. To have the course description change for RAD 2110 be approved as proposed.
(See details in the attached Curriculum Report – Pages 29-30)

9. To have the course description change for RAD 2120 be approved as proposed.
(See details in the attached Curriculum Report – Pages 31-32)

10. To have the Calendar entry for the second year of the Radiography Program be approved as proposed.
(See details in the attached Curriculum Report – Page 33)

MOTION: (R. Gauthier/P. Drake) to approve the revised Responsible Conduct of Research, Scholarly and Creative Work Policy as presented. CARRIED.

MOTION: (G. Naterer/J. Sentance) That Senate create an ad hoc Senate Committee on Teaching Evaluation to investigate alternative holistic approaches to teaching evaluation that continue to include student feedback. The committee shall recommend a robust and unbiased method of evaluation of teaching effectiveness, which includes student voices and feedback in that evaluation. The committee shall include faculty, administration, and student representation. CARRIED.

MOTION: (W. Waterman/W. Montelpare) that the Senate meeting move to a closed agenda. CARRIED.

MEETING MOVED TO A CLOSED SESSION

MEETING RETURNED TO OPEN SESSION

MOTION: (T. Mady) to adjourn the Senate meeting at 4:55 pm. CARRIED.

UNIVERSITY of Prince Edward ISLAND

Second Curriculum Report
October 1, 2024 (APCC)
October 18, 2024 (Senate)

SUMMARY OF CHANGES

Summary of Motions

Faculty of Nursing

#	Type of Motion	Motion
1.	New Course Proposal	NURS 0001
2.	Calendar Entry Change	LPN Nursing Pathway

NEW COURSE PROPOSAL

Motion# 1

Faculty/School: **Nursing**

Department/Program(s): **Faculty of Nursing**

MOTION: Approve NURS 0001- Evidence Informed Decision Making in Professional Nursing Practice as a required non-credit course for the LPN to BScN Pathway.

Course Number and Title	NURS 0001 – Evidence Informed Decision Making in Professional Nursing Practice
Description	The non-credit course is offered to Licensed Practical Nurse (LPN) graduates who have been accepted in the LPN-BScN pathway program. This course will recognize and build on the concepts of professional nursing practice acquired in the LPN curricula to facilitate the transition to BScN curricula and the role of the Registered Nurse. There will be specific attention to the transition from the role of the LPN to BScN in a primary health care environment, interprofessional communication and collaboration, and fostering the registered nurse's role identity. Scholarly writing development will be fostered and developed as students explore the topics in this course.
Cross-Listing	NA
Prerequisite/Co-Requisite	Acceptance in LPN to BScN Pathway
Credit(s)	0
Notation	Must be completed before or concurrently with N3060X – Nursing of Childbearing Families

This is: A Core Course (Pathway only) **Grade Mode:** Pass/Fail

Anticipated Enrolment: 10 **Is there an Enrolment Cap:** No
If there is an enrolment limit, please explain. Click here to enter text.

Rationale for New Course: The LPN to BScN pathway program has been redesigned. LPN graduates will enter late in the first year of the Accelerated BScN Program. This cohort of students will not have had opportunity to explore the role transition from LPN graduate to BScN student (including review of psychomotor skills and assessments) and to understand the differences in the role of the LPN and Registered Nurse in clinical practice. Also, LPN graduates will need support to increase their scholarly writing skills to support them as they complete third- and fourth-year level baccalaureate courses. This course will be a combination of synchronous and asynchronous learning with the asynchronous learning being predominant.

Effective Term: Winter 2025

Implications for Other Programs: None anticipated

NEW COURSE PROPOSAL

Motion# 1

Impact on Students Currently Enrolled: The Faculty of Nursing does not anticipate any negative impact on students who are currently enrolled.

Resources Required:

In offering this course will UPEI require facilities or staff at other institutions: No
If yes, please explain. Click here to enter text.

Authorization	***Date:***
Departmental Approval: Dr. Patrice Drake, Acting Dean of Nursing	March 3, 2024
Faculty/School Approval: Faculty of Nursing Curriculum Committee	March 1, 2024
Faculty Dean's Approval: Dr. Patrice Drake, Acting Dean of Nursing	March 3, 2024
Graduate Studies Dean's Approval: Click here to enter name of approver.	Click here to select approval date.
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September2023

LIBRARY RESOURCE REQUIREMENTS FOR A NEW COURSE PROPOSAL

Existing resources:

- Collections – Print books, Ebooks, other physical media, other online media, subscriptions, other
  - Books (within the last 10 years)
    - A search for (((Nurs*) AND ((role or identity)) OR ((lpn or "licensed practical nurse") AND (BSN or "Bachelor of Science in Nursing") AND transition*)) = 4818 results
  - Journals
    - Nursing: 575 journals (392 peer-reviewed) in the discipline of nursing.
    - Medicine 11,385 journals (8,027 peer reviewed).
    - Packages
      - Ovid Nursing and Health Professions Premier Collection
  - Databases
    - Cumulative Index to Nursing & Allied Health Literature (CINAHL) with Full Text
    - PubMed
    - MEDLINE Ultimate
    - Cochrane Library
    - EmCare
    - CPS ALl Access
    - RxFiles
  - Media
    - Bates Visual Guide to Physical Examination
    - Academic Videos Online - Nursing Education in Video
    - Acland's Video Atlas of Human Anatomy
- Interdisciplinary packages that include content that support this course
  - Databases
    - Academic Search Complete
    - Education Research Complete
    - ERIC
    - APA PsycINFO
    - PsycARTICLES
    - Sage Research Methods
    - Scopus
    - OneSearch
    - Statista
  - Journal Packages
    - JSTOR
    - Project MUSE
    - SAGE Premier Collection
    - Elsevier ScienceDirect
    - Wiley Online
  - eBook packages
    - Elsevier eBooks
    - Sage Knowledge Complete
    - Springer eBooks
  - Media
    - SAGE Research Methods Video Practical Research and Academic Skills
- Physical Space in Library (other than collections, explain) - N/A
- Library Administrative/Research Support

- Nursing Liaison Librarian provides research assistance and instruction services to both students and faculty as needed.
- Covidence – knowledge synthesis software

New resources needed to support this proposal:

- Collections:
  - None
  - Other including potential Open Educational Resources (OERs)
    - The art and science of evidence-based practice in nursing by Dr. Nancyruth Leibold
    - Foundations in evidence-based practice by the University of Nottingham

Summary of additional budget allocation required:

- None
- Note that if future budget constraints require the Library to cancel interdisciplinary packages listed above, there may be a loss of resources needed for this course.

Date Received by Liaison/Collections Librarian	March 4, 2024
Name of Librarian to be Contacted with Questions	Kim Mears
Approved by University Librarian or Designate	Donald Moses
Date Approved by UL or Designate	March 28, 2024

CALENDAR & CIRRICULUM CHANGE — Motion# 2

Revision is for a: **Calendar Entry Change**

Faculty/School/Department**: Nursing**

Department/Program(s)/Academic Regulations: **Academic Regulations**

MOTION: To make updates to BScN and LPN pathway articulation agreement

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
Holland College Articulated Agreement Graduates of the Holland College LPN program applying to the BScN program at UPEI enter the program via the Accelerated BScN Program. **Admission to First Year of Accelerated BScN** **Admission Criteria** • received at least a 80% average in the LPN program; • have evidence of a strong clinical performance during the LPN program. A letter from a clinical nursing instructor from Holland College documenting clinical performance in the LPN program. The letter is to be sent directly to the Registrar's Office at UPEI; • have completed academic grade 12 English, Math, Chemistry and Biology (Final high school transcript and upgrades if applicable); • complete the CASPer test requirement. • 18 semester hours of credit must come from the list of courses below (at the credit weights noted), with a minimum average of 75% in these 6 courses (18 semester hours) with no individual course grade below 60%: Human Anatomy (3 semester hours) – lab required	**Holland College Articulated Agreement** Graduates of the Holland College Practical Nursing ~~L~~(PN) program applying to the BScN program at UPEI enter the program via the Accelerated BScN Program. **Admission to First Year of Accelerated BScN** **Admission Criteria** • received at least a 80% average in the ~~LPN~~ Practical Nursing program; • have evidence of a strong clinical performance during the ~~L~~PN program. A letter from a clinical nursing instructor from Holland College documenting clinical performance in the ~~L~~PN program. The letter is to be sent directly to the Registrar's Office at UPEI; • have successfully completed at least 1800 clinical hours of practice as a Practical Nurse (documented by the applicant's employer) • ~~have completed academic grade 12 English, Math, Chemistry and Biology (Final high school transcript and upgrades if applicable);~~ • complete the CASPer test requirement. • 18 semester hours of credit must come from the list of courses below (at the credit weights noted), with a minimum average of 75% in these 6 courses (18 semester hours) with no individual course grade below 60%: Human Anatomy (3 semester hours) – lab required

CALENDAR & CIRRICULUM CHANGE — Motion# 2

Reproduction of Current Calendar Entry	Proposed revision with changes underlined and deletions indicated clearly
Human Physiology (3 semester hours) – lab required Microbiology (3 semester hours) – lab required Introductory Psychology (6 semester hours) Statistics (3 semester hours) (The above noted courses must be successfully completed at an undergraduate degree level at a recognized post-secondary institution. Courses must have been completed within the past 10 years and fulfill the criteria outlined for regular transfer credit equivalency review). Potential applicants who have met the admission criteria, except for the six degree-level university courses, may complete these courses at UPEI. Special permission from the Chair of Biology is required to enrol in Microbiology (BIO 1060). Permission is subject to availability of space in the course. Graduates of the Holland College LPN Program will receive credit (39 semester hours) for the following courses: NURS 1030 – Fundamentals of Nursing Practice FN 1020 – Nutrition for Nursing Students NURS 2130– Nursing of Young Families NURS 2320 – Introductory Pharmacology NURS 2230 – Adult Nursing: Transitions in Health NURS 2450– Health Assessment PSYCH 2010 – Developmental Psychology UPEI 1010 – Writing Studies 3 Electives Note: All students must complete IKE 1040 – Indigenous Teachings of Turtle Island The path to a BScN for the LPN Graduate is unique in that it recognizes their Holland College LPN courses toward completion of the BScN degree. Previous course work will be recognized (57 semester hours of credit required for	Human Physiology (3 semester hours) – lab required Microbiology (3 semester hours) – lab required Introductory Psychology (6 semester hours) Statistics (3 semester hours) (The above noted courses must be successfully completed at an undergraduate degree level at a recognized post-secondary institution. Courses must have been completed within the past 10 years and fulfill the criteria outlined for regular transfer credit equivalency review). Potential applicants who have met the admission criteria, except for the six degree-level university courses, may complete these courses at UPEI, as a conditionally admitted student. Students are also encouraged to consider completing the IKE-1040 degree requirement during this period. ~~Special permission from the Chair of Biology is required to enrol in Microbiology (BIO 1060). Permission is subject to availability of space in the course.~~ Graduates of the Holland College ~~L~~PN Program will receive transfer credit (~~39~~ 27 semester hours) for the following courses: NURS 1030 – Fundamentals of Nursing Practice ~~FN 1020 – Nutrition for Nursing Students~~ NURS 2130– Nursing of Young Families NURS 2320 – Introductory Pharmacology NURS 2230 – Adult Nursing: Transitions in Health NURS 2450– Health Assessment ~~PSYCH 2010 – Developmental Psychology~~ ~~UPEI 1010 – Writing Studies~~ ~~3 Electives~~ Note: All students must complete IKE 1040 – Indigenous Teachings of Turtle Island The path to a BScN for ~~the~~ a Licensed Practical Nurse (LPN) ~~Graduate~~ is unique in that it recognizes their Holland College ~~L~~PN courses toward completion of the BScN degree. ~~Previous course work will be recognized (57 semester hours of credit required for~~

Reproduction of Current Calendar Entry	Proposed revision with changes underlined and deletions indicated clearly
admission) but will not be assigned as transfer credit if completed outside of UPEI or Holland College. Students in the LPN to BScN program will complete 51 semester hours of nursing specific courses to fulfill the degree requirements for the BScN. Graduates of the LPN Program will also complete Evidence Informed Decision Making in the Professional Nursing Practice in addition to the pre-nursing pre-requisites. This non-credit course will only be offered to LPN graduates entering the Accelerated BScN Program to facilitate role transition from LPN to BScN. Must be completed before entering N3060 – Nursing Childbearing Families. Graduates of the LPN Program will merge into the first year of the Accelerated BScN Program in N3060 – Nursing of Childbearing Families. They will then continue with the Accelerated BScN Students and merge with the year three Four Year BScN student cohort in N3230 and remain with this group until NURS 4020 4010. First Year Required: January to July IKE 1040 – Indigenous Teachings of Turtle Island NURS 2120 – Pathophysiology for Nursing Students July – August NURS 3060 – Nursing of Childbearing Families September – December NURS 3230 – Partnerships with Clients and Families Living with Chronic Illness NURS 3030 – Issues in Nursing and Health Care OR NURS 3040 – Nursing Research Methods NURS 3340 Psychiatric and Mental Health Nursing	~~admission) but will not be assigned as transfer credit if completed outside of UPEI or Holland College~~. Students in the LPN to BScN pathway program will complete 51 semester hours of nursing specific courses (and 3 semester hours of IKE-1040) to fulfill the degree requirements for the BScN. ~~Graduates~~ Students in ~~of~~ the LPN to BScN pathway Program will also complete Evidence Informed Decision Making in the Professional Nursing Practice in addition to the pre-nursing pre-requisites. This non-credit course will only be offered to ~~L~~PN graduates entering the Accelerated BScN Program to facilitate role transition from LPN to BScN, and . ~~M~~ must be completed before (or concurrent with) entering N3060 – Nursing of Childbearing Families. ~~Graduates of the LPN Program will merge into the first year of the Accelerated BScN. Program in N3060 – Nursing of Childbearing Families. They will then continue with the Accelerated BScN Students and merge with the year three Four Year BScN student cohort in N3230 and remain with this group until NURS 4020 4010.~~ First Year Required: January to July IKE 1040 – Indigenous Teachings of Turtle Island NURS 2120 – Pathophysiology for Nursing Students NURS-0001- Evidence Informed Decision Making in the Professional Nursing Practice (non-credit) July – August NURS 3060 – Nursing of Childbearing Families September – December NURS 3230 – Partnerships with Clients and Families Living with Chronic Illness NURS 3030 – Issues in Nursing and Health Care OR NURS 3040 – Nursing Research Methods NURS 3340 Psychiatric and Mental Health Nursing

CALENDAR & CIRRICULUM CHANGE — Motion# 2

Reproduction of Current Calendar Entry	Proposed revision with changes underlined and deletions indicated clearly
Second Year Required January – April NURS 3130 – Developing Partnerships with Clients in the Community NURS 4030 – Leadership for Health Professionals in a Primary Health Care Context NURS 3030 – Issues in Nursing and Health Care OR NURS 3040 – Nursing Research Methods May – August NURS 4010 – Nursing and Population Health NURS 3100 – Integrated Clinical Experience September – December NURS 4020 – Integrated Clinical Experience II NURS 4040 – Conceptual Models and Nursing Theories Application for Articulated Agreement Holland College Articulated Agreement applicants must follow UPEI's undergraduate application process for professional programs, and submit other requirements including: • UPEI Application Fee; • official high school and post-secondary transcript(s) for any post-secondary study taken. For those enrolled in courses, arrange to have transcripts sent when 1st semester final results can be reported; • if not currently enrolled (out one semester or more), a resume outlining a list of current activities is required; • if required, an acceptable English Language Proficiency Test result; • A letter from a clinical nursing instructor from Holland College documenting clinical performance in the LPN program. Please Note: The University of Prince Edward Island Nursing program is based on the "PEI Conceptual Model of Primary Health Care". Students whose previous Nursing (LPN or	Second Year Required January – April NURS 3130 – Developing Partnerships with Clients in the Community NURS 4030 – Leadership for Health Professionals in a Primary Health Care Context NURS 3030 – Issues in Nursing and Health Care OR NURS 3040 – Nursing Research Methods May – August NURS 4010 – Nursing and Population Health NURS 3100 – Integrated Clinical Experience September – December NURS 4020 – Integrated Clinical Experience II NURS 4040 – Conceptual Models and Nursing Theories **Application for Articulated Agreement** (application deadline: February 15) Holland College Articulated Agreement applicants must follow UPEI's undergraduate application process for professional programs, and submit other requirements including: • UPEI Application Fee; • official ~~high school and~~ post-secondary transcript(s) for any/all post-secondary study taken. For those enrolled in courses, arrange to have transcripts sent when 1st semester final results can be reported; • if not currently enrolled (out one semester or more), a resume outlining a list of current activities is required; • if required, an acceptable English Language Proficiency Test result; • A letter from a clinical nursing instructor from Holland College documenting clinical performance in the LPN program. • Confirmation of at least 1800 clinical hours successfully completed • Official CASPer test result ~~Please Note: The University of Prince Edward Island Nursing program is based on the "PEI Conceptual Model of Primary Health Care". Students whose previous Nursing (LPN or BScN)~~

CALENDAR & CIRRICULUM CHANGE — Motion# 2

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
BScN) program did not include Primary Health Care must apply to the first year of the program. If accepted students may receive transfer credit.	~~program did not include Primary Health Care must apply to the first year of the program. If accepted students may receive transfer credit.~~

Rationale for Change: This update is necessary to address some gaps and inconsistencies in the initial pathway submission that was approved in April 2024.

Effective Term: WINTER 2025

Implications for Other Programs: N/A

Impact on Students Currently Enrolled: N/A

Authorization Date:

Departmental Approval: Dr. Patrice Drake, Acting Dean of Nursing	March 3, 2024
Faculty/School Approval: Faculty of Nursing Curriculum Committee	March 1, 2024
Faculty Dean's Approval: Dr. Patrice Drake, Acting Dean of Nursing	March 3, 2024
Grad. Studies Dean's Approval: Click here to enter name of approver.	**Click here to select approval date.**
Registrar's Office Approval: Darcy McCardle	September 19, 2024

Form Version: September 2023

Summary of Motions

Faculty of Science

#	Type of Motion	Motion
1.	Pre-req Addition/Change	PHYS 2030 Computational Physics - remove CS 1910 as a prereq
2.	Calendar Entry Change	Physics Major - remove CS 1910 and add IKE 1040 into first year course structure for both the Major and the specialization in Medical & Biological Physics
3.	Calendar Entry Change	Physics Honours - - remove CS 1910 and add IKE 1040 into first year course structure for both the Honours and the specialization in Medical & Biological Physics within the Honours program
4.	Course Description Change	RAD 2010 - separate RAD 2010/RAD 2020 so they each have their own listing in the catalogue. Add prereq - admission to Radiography
5.	Course Description Change	RAD 2020 - separate RAD 2010/RAD 2020 so they each have their own listing in the catalogue. Add prereq - admission to Radiography
6.	Course Description Change	RAD 2110 - separate RAD 2110/2120 so they each have their own listing in the catalogue. Add prereq - admission to Radiography
7.	Course Description Change	RAD 2120 - separate RAD 2110/2120 so they each have their own listing in the catalogue. Add prereq - admission to Radiography
8.	Calendar Entry Change	Second Year - to list RAD 2010/2020 and RAD 2110/2120 as separate courses, improve clarity

CALENDAR & CIRRICULUM CHANGE — Motion # 3

Revision is for a: **Pre-requisite Addition/Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Physics**

MOTION: To have the change in pre-requisite PHYS 2030 Computational Physics be approved as proposed.

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
2030 (formerly 3820) COMPUTATIONAL PHYSICS This course is designed to introduce students to basic computer-based techniques for modelling realistic physical systems. A variety of computational techniques are used to study a number of phenomena, including projectile motion, chaotic motion, planetary dynamics, electromagnetism, and wave motion, and to graphically visualize functions and data in 3D. PREREQUISITE: Physics 2010 or 2020, Mathematics 2910, and Computer Science 1910 Three hours lecture per week	2030 (formerly 3820) COMPUTATIONAL PHYSICS This course is designed to introduce students to basic computer-based techniques for modelling realistic physical systems. A variety of computational techniques are used to study a number of phenomena, including projectile motion, chaotic motion, planetary dynamics, electromagnetism, and wave motion, and to graphically visualize functions and data in 3D. PREREQUISITE: Physics 2010 or 2020, and Mathematics 2910, ~~and Computer Science 1910~~ Three hours lecture per week

Rationale for Change: Deleted CS-1910 as a required course since the course does not meet the needs of physics majors. Instead, student computational skills will be developed in existing physics courses such as PHYS 2030 Computational Physics.

Effective Term: WINTER 2025

Implications for Other Programs: None.

Impact on Students Currently Enrolled: None.

Authorization	***Date:***
Departmental Approval: James Polson (Chair)	August 6, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: n/a	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 4

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Physics/Major in Physics**

MOTION: To have the changes in the Requirements for the Majors in Physics be approved as proposed.

<table>
<tr><th><u>Reproduction of Current Calendar Entry</u></th><th><u>Proposed revision with changes underlined and deletions indicated clearly</u></th></tr>
<tr><td>REQUIREMENTS FOR A MAJOR IN PHYSICS

Students who intend to major in Physics are advised to consult the Department before registration. The normal University requirements must be met in addition to the Departmental requirements listed below. In exceptional cases, courses may be taken in a different sequence provided that the pertinent prerequisites are fulfilled or permission is granted by the Department. NOTE: As per Academic Regulation #1 h), all undergraduate degree programs require successful completion of IKE-1040, one of UPEI-1010, 1020 or 1030, and a Writing Intensive Course.

Semester hours of credit

First Year

6

Physics 1110-1120 Physics for Physical Sciences I and II

Mathematics 1910-1920 Single Variable Calculus I and II 8

Chemistry 1110-1120 General Chemistry I and II 6</td><td>REQUIREMENTS FOR A MAJOR IN PHYSICS

Students who intend to major in Physics are advised to consult the Department before registration. The normal University requirements must be met in addition to the Departmental requirements listed below. In exceptional cases, courses may be taken in a different sequence provided that the pertinent prerequisites are fulfilled or permission is granted by the Department. NOTE: As per Academic Regulation #1 h), all undergraduate degree programs require successful completion of IKE-1040, one of UPEI-1010, 1020 or 1030, and a Writing Intensive Course.

Semester hours of credit

First Year

Physics 1110-1120 Physics for Physical Sciences I and II 6

Mathematics 1910-1920 Single Variable Calculus I and II 8

Chemistry 1110-1120 General Chemistry I and II 6</td></tr>
</table>

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Computer Science 1910 Computer Science I	3	~~Computer Science 1910 Computer Science I~~	~~3~~
UPEI 1010, 1020 OR 1030	3	UPEI 1010, 1020 OR 1030	3
Electives (Biology 1310-1320 are highly recommended)	6	IKE 1040 Indigenous Teachings of Turtle Island	3
		Electives (Biology 1310-1320 are highly recommended)	6
Second Year		**Second Year**	
Physics 2010 Waves and Oscillations	3	Physics 2010 Waves and Oscillations	3
Physics 2020 Mechanics	3	Physics 2020 Mechanics	3
Physics 2120 Electricity, Magnetism, and Circuits	3	Physics 2120 Electricity, Magnetism, and Circuits	3
Physics 2210 Modern Physics	3	Physics 2210 Modern Physics	3
Physics 2820 Mathematical Physics	3	Physics 2820 Mathematical Physics	3
Physics 2030 Computational Physics	3	Physics 2030 Computational Physics	3
Mathematics 2610 Linear Algebra I	3	Mathematics 2610 Linear Algebra I	3
Mathematics 2910 Multivariable and Vector Calculus	4	Mathematics 2910 Multivariable and Vector Calculus	4
Electives	6		

CALENDAR & CURRICULUM CHANGE — Motion # 4

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Third and Fourth Years			
Physics 3120 Electromagnetism I	3	Electives	6
Physics 3220 Quantum Physics I	3	**Third and Fourth Years**	
Physics 3330 Experimental Physics I	3	Physics 3120 Electromagnetism I	3
Physics 3720 Statistical Physics I	3	Physics 3220 Quantum Physics I	3
Physics 4430 Experimental Physics II	3	Physics 3330 Experimental Physics I	3
Physics- Three additional Physics courses taken at the 3000 level or above, but at least one must be above the 3000 level	9	Physics 3720 Statistical Physics I	3
IKE 1040 Indigenous Teachings of Turtle Island	3	Physics 4430 Experimental Physics II	3
Electives (Mathematics 3010 is highly recommended)	30	Physics- Three additional Physics courses taken at the 3000 level or above, but at least one must be above the 3000 level	9
Total	120	~~IKE 1040 Indigenous Teachings of Turtle Island~~	~~3~~
		Electives (Mathematics 3010 is highly recommended)	~~30~~33
SPECIALIZATION IN MEDICAL AND BIOLOGICAL PHYSICS Students can specialize in Medical and Biological Physics within the Major in Physics program		**Total**	**120**

CALENDAR & CURRICULUM CHANGE — Motion # 4

Reproduction of Current Calendar Entry		**Proposed revision with changes underlined and deletions indicated clearly**	
First Year	Semester hours of credit	**SPECIALIZATION IN MEDICAL AND BIOLOGICAL PHYSICS** Students can specialize in Medical and Biological Physics within the Major in Physics program	
Physics 1110-1120 Physics for Physical Sciences I and II	6	**First Year**	**Semester hours of credit**
Mathematics 1910-1920 1920 Single Variable Calculus I and II	8	Physics 1110-1120 Physics for Physical Sciences I and II	6
Chemistry 1110-1120 General Chemistry I and II	6	Mathematics 1910-1920 1920 Single Variable Calculus I and II	8
Computer Science 1910 Computer Science I	3	Chemistry 1110-1120 General Chemistry I and II	6
Biology 1210-1230 OR Biology 1310-1320	6	~~Computer Science 1910 Computer Science I~~	~~3~~
UPEI 1010, 1020 OR 1030	3	Biology 1210-1230 OR Biology 1310-1320	6
Second Year		UPEI 1010, 1020 OR 1030	3
Physics 2010 Waves and Oscillations	3	IKE 1040 Indigenous Teachings of Turtle Island	3
Physics 2020 Mechanics	3	**Second Year**	
Physics 2120 Electricity, Magnetism, and Circuits	3	Physics 2010 Waves and Oscillations	3
Physics 2210 Modern Physics	3		

CALENDAR & CURRICULUM CHANGE — Motion # 4

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Physics 2430 Physics of the Human Body	3	Physics 2020 Mechanics	3
Physics 2820 Mathematical Physics	3	Physics 2120 Electricity, Magnetism, and Circuits	3
Physics 2030 Computational Physics	3	Physics 2210 Modern Physics	3
Mathematics 2610 Linear Algebra I	3	Physics 2430 Physics of the Human Body	3
Mathematics 2910 Multivariable and Vector Calculus	4	Physics 2820 Mathematical Physics	3
Electives	3	Physics 2030 Computational Physics	3
Third and Fourth Years		Mathematics 2610 Linear Algebra I	3
Physics 3120 Electromagnetism I	3	Mathematics 2910 Multivariable and Vector Calculus	4
Physics 3220 Quantum Physics I	3	Electives	3
Physics 3330 Experimental Physics I	3	**Third and Fourth Years**	
Physics 3420 Introduction to Medical Physics	3	Physics 3120 Electromagnetism I	3
Physics 3520 Biomedical Imaging	3	Physics 3220 Quantum Physics I	3
Physics 3720 Statistical Physics I	3	Physics 3330 Experimental Physics I	3
Physics 4430 Experimental Physics II	3		

CALENDAR & CURRICULUM CHANGE — Motion # 4

Reproduction of Current Calendar Entry		**Proposed revision with changes underlined and deletions indicated clearly**	
Physics—One additional Physics course taken at the 3000 level or above	3	Physics 3420 Introduction to Medical Physics	3
IKE – 1040 Indigenous Teachings of Turtle Island	3	Physics 3520 Biomedical Imaging	3
Electives (Biology 2260 and Biology 4010 are highly recommended. Mathematics 3010 is highly recommended)	30	Physics 3720 Statistical Physics I	3
		Physics 4430 Experimental Physics II	3
Total	120	Physics—One additional Physics course taken at the 3000 level or above	3
		~~IKE – 1040 Indigenous Teachings of Turtle Island~~	~~3~~
		Electives (Biology 2260 and Biology 4010 are highly recommended. Mathematics 3010 is highly recommended)	~~30~~33
		Total	**120**

Rationale for Change: Deleted CS-1910 since the course does not meet the needs of physics majors. Instead, student computational skills will be developed in existing physics courses such as PHYS-2030 Computational Physics. IKE-1040 more appropriate to be in first year since it is a 1000 level course.

Effective Term: WINTER 2025

Implications for Other Programs: None.

Impact on Students Currently Enrolled: None.

Authorization	***Date:***
Departmental Approval: James Polson (Chair)	August 6, 2024
Faculty/School Approval: Science Council	September 4, 2024

Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: n/a	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 5

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Physics/Honours in Physics**

MOTION: To have the changes in the Requirements for the Honours in Physics be approved as proposed.

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
REQUIREMENTS FOR HONOURS IN PHYSICS The Honours program in Physics is intended to provide research experience at the undergraduate level. It is designed for students who are interested in continuing their studies at the graduate level in Physics or related fields, or who are planning careers where research experience would be an asset. The Honours program comprises a total of 126 semester hours of course credit, including a research project and thesis worth 12 semester hours. A total of at least 60 semester hours of Physics is required. NOTE: As per Academic Regulation #1 h), all undergraduate degree programs require successful completion of IKE-1040, one of UPEI-1010, 1020 or 1030, and a Writing Intensive Course. COURSE REQUIREMENTS The normal University requirements must be met in addition to the Departmental requirements listed below. Biology 1310 and 1320 are highly recommended electives.	REQUIREMENTS FOR HONOURS IN PHYSICS The Honours program in Physics is intended to provide research experience at the undergraduate level. It is designed for students who are interested in continuing their studies at the graduate level in Physics or related fields, or who are planning careers where research experience would be an asset. The Honours program comprises a total of 126 semester hours of course credit, including a research project and thesis worth 12 semester hours. A total of at least 60 semester hours of Physics is required. NOTE: As per Academic Regulation #1 h), all undergraduate degree programs require successful completion of IKE-1040, one of UPEI-1010, 1020 or 1030, and a Writing Intensive Course. COURSE REQUIREMENTS The normal University requirements must be met in addition to the Departmental requirements listed below. Biology 1310 and 1320 are highly recommended electives.
Semester hours of credit	Semester hours of credit
First Year	First Year
Physics 1110-1120 Physics for Physical Sciences I and I — 6	Physics 1110-1120 Physics for Physical Sciences I and II — 6
Mathematics 1910-1920 Single Variable Calculus I and II — 8	Mathematics 1910-1920 Single Variable Calculus I and II — 8

CALENDAR & CURRICULUM CHANGE — Motion # 5

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Computer Science 1910 Computer Science I	3	~~Computer Science 1910 Computer Science I~~	~~3~~
Chemistry 1110-1120 General Chemistry I/II	6	Chemistry 1110-1120 General Chemistry I/II	6
UPEI 1010, 1020 OR 1030 First Year Experience	3	UPEI 1010, 1020 OR 1030 First Year Experience	3
Electives (Biology 1310-1320 are highly recommended)	6	IKE 1040 Indigenous Teachings of Turtle Island	3
		Electives (Biology 1310-1320 are highly recommended)	6
Second Year		Second Year	
Physics 2010 Waves and Oscillations	3	Physics 2010 Waves and Oscillations	3
Physics 2020 Mechanics	3	Physics 2020 Mechanics	3
Physics 2120 Electricity, Magnetism, and Circuits	3	Physics 2120 Electricity, Magnetism, and Circuits	3
Physics 2210 Modern Physics	3	Physics 2210 Modern Physics	3
Physics 2030 Computational Physics	3	Physics 2030 Computational Physics	3
Physics 2820 Mathematical Physics	3	Physics 2820 Mathematical Physics	3
Mathematics 2610 Linear Algebra I	3	Mathematics 2610 Linear Algebra I	3

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Mathematics 2910 Multivariable and Vector Calculus	4	Mathematics 2910 Multivariable and Vector Calculus	4
Electives	6	Electives	6
Third and Fourth Years		Third and Fourth Years	
Physics 3010 Advanced Mechanics	3	Physics 3010 Advanced Mechanics	3
Physics 3120 Electromagnetism I	3	Physics 3120 Electromagnetism I	3
Physics 3220 Quantum Physics I	3	Physics 3220 Quantum Physics I	3
Physics 3330 Experimental Physics I	3	Physics 3330 Experimental Physics I	3
Physics 3720 Statistical Physics I	3	Physics 3720 Statistical Physics I	3
Physics 4020 Statistical Physics II	3	Physics 4020 Statistical Physics II	3
Physics 4120 Electromagnetism II	3	Physics 4120 Electromagnetism II	3
Physics 4210 Quantum Physics II	3	Physics 4210 Quantum Physics II	3
Physics 4430 Experimental Physics II	3	Physics 4430 Experimental Physics II	3
Physics 4901 Honours Project I: Research	6	Physics 4901 Honours Project I: Research	6
Physics 4902 Honours Project II: Thesis	6	Physics 4902 Honours Project II: Thesis	6

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Mathematics 3010 Differential Equations	3	Mathematics 3010 Differential Equations	3
IKE 1040 Indigenous Teachings of Turtle Island	3	~~IKE 1040 Indigenous Teachings of Turtle Island~~	~~3~~
At least one additional Math course at the 3000 or 4000 level	3	At least one additional Math course at the 3000 or 4000 level	3
Electives, at least one of which must be an additional Physics Course at the 3000 level or above	15	Electives, at least one of which must be an additional Physics Course at the 3000 level or above	~~15~~18
Total	126	Total	126
ENTRANCE REQUIREMENTS For admission to the program, students must normally have a minimum average of 70% in all previous courses. First-class or high second-class standing in all previous Physics courses is expected. Permission of the Department is required. Acceptance will be contingent upon the student's finding a project supervisor, approval of the research project topic, and the Department's assessment of the student's suitability for the program. Students interested in doing Honours should consult the Department Chair as early as possible, normally before the beginning of the student's third year, and no later than January 31 of the third year. Before registering for Physics 4901, the student must have been accepted into the Honours program, and the project topic must be approved by the Department. To graduate with Honours in Physics, the student must maintain a minimum average of 75% in all Physics courses combined. Students must also maintain a minimum overall average of 70% in each of the four years of study. SPECIALIZATION IN MEDICAL AND BIOLOGICAL PHYSICS		ENTRANCE REQUIREMENTS For admission to the program, students must normally have a minimum average of 70% in all previous courses. First-class or high second-class standing in all previous Physics courses is expected. Permission of the Department is required. Acceptance will be contingent upon the student's finding a project supervisor, approval of the research project topic, and the Department's assessment of the student's suitability for the program. Students interested in doing Honours should consult the Department Chair as early as possible, normally before the beginning of the student's third year, and no later than January 31 of the third year. Before registering for Physics 4901, the student must have been accepted into the Honours program, and the project topic must be approved by the Department.	

Reproduction of Current Calendar Entry		**Proposed revision with changes underlined and deletions indicated clearly**	
Students can specialize in Medical and Biological Physics within the Honours in Physics program.		To graduate with Honours in Physics, the student must maintain a minimum average of 75% in all Physics courses combined. Students must also maintain a minimum overall average of 70% in each of the four years of study.	
	Semester hours of credit	SPECIALIZATION IN MEDICAL AND BIOLOGICAL PHYSICS Students can specialize in Medical and Biological Physics within the Honours in Physics program.	
First Year			Semester hours of credit
Physics 1110-1120 Physics for Physical Sciences I and II	6	First Year	
Mathematics 1910-1920 Single Variable Calculus I and II	8	Physics 1110-1120 Physics for Physical Sciences I and II	6
Chemistry 1110-1120 General Chemistry I and II	6	Mathematics 1910-1920 Single Variable Calculus I and II	8
Computer Science 1910 Computer Science I	3	Chemistry 1110-1120 General Chemistry I and II	6
Biology 1210-1230 OR Biology 1310-1320	6	~~Computer Science 1910 Computer Science I~~	~~3~~
UPEI 1010, 1020 OR 1030 First Year Experience	3	Biology 1210-1230 OR Biology 1310-1320	6
Second Year		UPEI 1010, 1020 OR 1030 First Year Experience	3
Physics 2010 Waves and Oscillations	3	IKE 1040 Indigenous Teachings of Turtle Island	3
Physics 2020 Mechanics	3	Second Year	

CALENDAR & CURRICULUM CHANGE — Motion # 5

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Physics 2120 Electricity, Magnetism, and Circuits	3	Physics 2010 Waves and Oscillations	3
Physics 2210 Modern Physics	3	Physics 2020 Mechanics	3
Physics 2430 Physics of the Human Body	3	Physics 2120 Electricity, Magnetism, and Circuits	3
Physics 2030 Computational Physics	3	Physics 2210 Modern Physics	3
Physics 2820 Mathematical Physics	3	Physics 2430 Physics of the Human Body	3
Mathematics 2610 Linear Algebra I	3	Physics 2030 Computational Physics	3
Mathematics 2910 Multivariable and Vector Calculus	4	Physics 2820 Mathematical Physics	3
Electives	3	Mathematics 2610 Linear Algebra I	3
Third and Fourth Years		Mathematics 2910 Multivariable and Vector Calculus	4
Physics 3010 Advanced Mechanics	3	Electives	3
Physics 3120 Electromagnetism I	3	Third and Fourth Years	
Physics 3220 Quantum Physics I	3	Physics 3010 Advanced Mechanics	3
		Physics 3120 Electromagnetism I	3

CALENDAR & CURRICULUM CHANGE — Motion # 5

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
Physics 3330 Experimental Physics I	3	Physics 3220 Quantum Physics I	3
Physics 3420 Introduction to Medical Physics	3	Physics 3330 Experimental Physics I	3
Physics 3520 Biomedical Imaging	3	Physics 3420 Introduction to Medical Physics	3
Physics 3720 Statistical Physics I	3	Physics 3520 Biomedical Imaging	3
Physics 4020 Statistical Physics II	3	Physics 3720 Statistical Physics I	3
Physics 4120 Electromagnetism II	3	Physics 4020 Statistical Physics II	3
Physics 4210 Quantum Physics II	3	Physics 4120 Electromagnetism II	3
Physics 4430 Experimental Physics II	3	Physics 4210 Quantum Physics II	3
Physics 4901 Honours Project I: Research	6	Physics 4430 Experimental Physics II	3
Physics 4902 Honours Project II: Thesis	6	Physics 4901 Honours Project I: Research	6
Mathematics 3010 Differential Equations	3	Physics 4902 Honours Project II: Thesis	6
		Mathematics 3010 Differential Equations	3

CALENDAR & CURRICULUM CHANGE — Motion # 5

Reproduction of Current Calendar Entry		Proposed revision with changes underlined and deletions indicated clearly	
At least one additional Math course at the 3000 or 4000 level	3	At least one additional Math course at the 3000 or 4000 level	3
IKE 1040 Indigenous Teachings of Turtle Island	3	~~IKE 1040 Indigenous Teachings of Turtle Island~~	~~3~~
Electives, at least one of which must be an additional Physics course at the 3000 level or above (Biology 2260 and Biology 4010 are highly recommended, if Biology 1210-1230 NOT taken.)	9	Electives, at least one of which must be an additional Physics course at the 3000 level or above (Biology 2260 and Biology 4010 are highly recommended, if Biology 1210-1230 NOT taken.)	~~9~~12
Total	126	Total	126
The honours research project will be relevant to Medical or Biological physics.		The honours research project will be relevant to Medical or Biological physics.	

Rationale for Change: Deleted CS-1910 since the course does not meet the needs of physics majors. Instead, student computational skills will be developed in existing physics courses such as PHYS-2030 Computational Physics. IKE-1040 more appropriate to be in first year since it is a 1000 level course. Fixed typo in calendar entry for Physics 1120.

Effective Term: WINTER 2025

Implications for Other Programs: None.

Impact on Students Currently Enrolled: None.

Authorization	***Date:***
Departmental Approval: James Polson (Chair)	August 6, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: n/a	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 6

Revision is for a: **Course Description Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Radiography**

MOTION: **To have the change in course description of RAD 2010 be approved as proposed**

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
2010/2020 ANATOMY AND PHYSIOLOGY I & II These courses introduce students to the study of human anatomy. There is a strong focus on organ systems commonly imaged in radiography. The use of proper medical terminology while describing the location of anatomical structures is emphasized as well as identifying structures on both radiographs and CT images. LECTURES/DEMONSTRATIONS: 3 hours Three hours of credit	2010~~/2020~~ ANATOMY AND PHYSIOLOGY I ~~& II~~ ~~These courses~~ This course introduces students to the study of human anatomy. There is a strong focus on organ systems commonly imaged in radiography. The use of proper medical terminology while describing the location of anatomical structures is emphasized as well as identifying structures on both radiographs and CT images. PRE-REQUISITE: Acceptance into the Radiography Program LECTURES/DEMONSTRATIONS: 3 hours Three hours of credit

Rationale for Change: RAD 2010 and RAD 2020 appear in the Academic Calendar as a single entry. This change will separate them

Effective Term: FALL 2025

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	***Date:***
Departmental Approval: Radiography Advisory Committee	July 4, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: na	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 7

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Radiography**

MOTION: To have the course description change for RAD 2020 be approved as proposed

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
2010/2020 ANATOMY AND PHYSIOLOGY I & II These courses introduce students to the study of human anatomy. There is a strong focus on organ systems commonly imaged in radiography. The use of proper medical terminology while describing the location of anatomical structures is emphasized as well as identifying structures on both radiographs and CT images. LECTURES/DEMONSTRATIONS: 3 hours Three hours of credit	~~2010~~/2020 ANATOMY AND PHYSIOLOGY ~~I &~~ II ~~These courses~~ This course is a continuation of RAD 2010. There is a continued ~~strong~~ focus on organ systems commonly imaged in radiography. The use of proper medical terminology while describing the location of anatomical structures is emphasized as well as identifying structures on both radiographs and CT images. LECTURES/DEMONSTRATIONS: 3 hours Three hours of credit Pre-requisite: RAD 2010 and Acceptance into the Radiography Program

Rationale for Change: RAD 2010 and RAD 2020 appear in the Academic calendar as a single entry. This change will separate them .

Effective Term: FALL 2025

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	***Date:***
Departmental Approval: Radiography Advisory Committee	July 4, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: na	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 8

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Radiography**

MOTION: To have the course description change for RAD 2110 be approved as proposed

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
2110/2120 RADIOGRAPHIC TECHNIQUE I & II These courses provide students with the theory and practical skills necessary to produce diagnostic radiographs of all body parts with and without contrast media. Students learn to operate radiographic equipment, position patients, set technical factors, prepare and administer and/or assist with administration of contrast media, deliver radiation within the diagnostic range as prescribed by physicians, and use radiation protective devices. LECTURES/LABORATORIES: 4 hours, plus approximately 6 hours a week of “hands on” clinical experience. Three hours of credit	2110/~~2120~~ RADIOGRAPHIC TECHNIQUE I ~~& II~~ ~~These courses provides students with the theory and practical skills necessary to produce diagnostic radiographs of all body parts with and without contrast media. Students learn to operate radiographic equipment, position patients, set technical factors, prepare and administer and/or assist with administration of contrast media, deliver radiation within the diagnostic range as prescribed by physicians, and use radiation protective devices~~. This course introduces students to the fundamental principles of radiography positioning. In order to produce high quality radiographs, students must understand the importance of several radiographic principles including: patient position, part position, central ray(CR) direction, source to image distance(SID), object to image distance(OID), image receptor(IR) selection, and collimation. Students will learn the basic steps of radiography and then apply these to radiography of the upper & lower limb, thoracic viscera and abdomen. In addition to positioning principles, students will practice critically evaluating radiographs. LECTURES/LABORATORIES~~: 4~~ 3 hours,~~plus approximately 6 hours a week of “hands on” clinical experience~~. Three hours of credit PRE-REQUISITE: Acceptance into the Radiography Program

Rationale for Change: RAD2110 and RAD 2120 appear in the Academic calendar as a single entry. This change will separate them into two distinct entries .The course description is updated to provide an improved description of course content. Also, the clinical component of the Radiography Program now has separate Calendar entries negating the need to include it in the course descriptions for RAD2110 and RAD 2120

CALENDAR & CURRICULUM CHANGE — Motion # 8

Effective Term: FALL 2025

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	***Date:***
Departmental Approval: Radiography Advisory Committee	July 4, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: na	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 9

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Radiography**

MOTION: To have the course description change for RAD 2120 be approved as proposed

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
2110/2120 RADIOGRAPHIC TECHNIQUE I & II These courses provide students with the theory and practical skills necessary to produce diagnostic radiographs of all body parts with and without contrast media. Students learn to operate radiographic equipment, position patients, set technical factors, prepare and administer and/or assist with administration of contrast media, deliver radiation within the diagnostic range as prescribed by physicians, and use radiation protective devices. LECTURES/LABORATORIES: 4 hours, plus approximately 6 hours a week of “hands on” clinical experience. Three hours of credit	~~2110~~/2120 RADIOGRAPHIC TECHNIQUE ~~I &~~ II ~~These courses provides students with the theory and practical skills necessary to produce diagnostic radiographs of all body parts with and without contrast media. Students learn to operate radiographic equipment, position patients, set technical factors, prepare and administer and/or assist with administration of contrast media, deliver radiation within the diagnostic range as prescribed by physicians, and use radiation protective devices~~. This course is a continuation of RAD 2110. Students learn the proper patient positioning, part position, central ray orientation, collimation, radiation protection, and image receptor placement required in order to demonstrate a number of different body structures including shoulder girdle and humerus, pelvic girdle and femur, vertebral column, and bony thorax. There is also a portion of each week spent performing image analysis and critique. LECTURES/LABORATORIES: ~~4~~ 3 hours,~~plus approximately 6 hours a week of “hands on” clinical experience.~~ Three hours of credit Pre-requisite: RAD 2110 and Acceptance into the Radiography Program

Rationale for Change: RAD2110 and RAD 22120 appear in the Academic calendar as a single entry. This change will separate them into two distinct entries . The course description is updated to provide an improved description of course content. Also, the clinical component of the Radiography Program now has separate Calendar entries negating the need to include it in the course descriptions for RAD2110 and Rad 2120

Effective Term: FALL 2025

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization	***Date:***
Departmental Approval: Radiography Advisory Committee	July 4, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: na	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version September 2023

CALENDAR & CURRICULUM CHANGE — Motion # 10

Revision is for a: **Calendar Entry Change**

Faculty/School/Department: **Science**

Department/Program(s)/Academic Regulations: **Radiography**

MOTION: To have the Calendar entry for the second year of the Radiography Program be approved as proposed

Reproduction of Current Calendar Entry	**Proposed revision with changes underlined and deletions indicated clearly**
Second Year (after admission to the program) FN 2610 Communications RAD 2010/2020 Anatomy & Physiology I & II RAD 2110/2120 Radiographic Technique I & II RAD 2210 Patient Care I RAD 2310 Radiography Physics RAD 2420 Digital Imaging RAD 2510 Clinical Experience I RAD 2520 Clinical Experience II RAD 2720 Image Quality RAD 2820 Computed Tomography I RAD 2920 Clinical Rotation Total Credit Hours = 30	**Second Year (after admission to the program)** FN 2610 Communications RAD 2010/~~2020~~ Anatomy & Physiology I ~~& II~~ RAD 2020 Anatomy & Physiology II RAD 2110/~~2120~~ Radiographic Technique I ~~& II~~ RAD2120 Radiographic Technique II RAD 2210 Patient Care I RAD 2310 Radiography Physics RAD 2420 Digital Imaging RAD 2510 Clinical Experience I RAD 2520 Clinical Experience II RAD 2720 Image Quality RAD 2820 Computed Tomography I RAD 2920 Clinical Rotation Total Credit Hours = 30

Rationale for Change: To list RAD 2010, RAD 2020, RAD 2110, & RAD 2120 as separate courses

Effective Term: Fall 2025

Implications for Other Programs: None

Impact on Students Currently Enrolled: None

Authorization Date:

Departmental Approval: Radiography Advisory Committee	July 4, 2024
Faculty/School Approval: Science Council	September 4, 2024
Faculty Dean's Approval: Nola Etkin	September 4, 2024
Grad. Studies Dean's Approval: na	
Registrar's Office Approval: Darcy McCardle	September 11, 2024

Form Version: September 2023