

EPC 30-Day Clock Memo

TO: All Faculty
FROM: Educational Policies Committee
SUBJECT: Notice of Curriculum Changes
DATE: October 30, 2024

The 30-day review period begins October 30, 2024 and ends December 1, 2024

This notice of Curriculum Changes is published as required by the EPC Manual, which is located in the Faculty Handbook. The following paragraph may be found in Section III, Part VI, Section 3, "Procedures Governing Revision of Curriculum and Degree Requirements":

F: Faculty members must submit objections to proposals in writing to the Chair of EPC via facgov@plu.edu within 30 days from the date listed on the 30-day Notice of Curriculum Changes distributed by the EPC. Objections received within this 30-day period will suspend approval, pending resolution of the objections. In the event a dispute cannot be resolved, the EPC will make its recommendation to the faculty for action at the next regular faculty meeting.

Complete copies of the proposals may be obtained from the Provost's Office or from Tom Smith, Chair of the Educational Policies Committee for the 2024-25 academic year.

Curriculum Changes for Review – Summary

- **Computer Science** – change course title, description; add permanent non GenEd courses
- **Mathematics** – change major requirement
- **Music** – new major*

*Type 3 proposal requiring a vote at Faculty Assembly

Curriculum Changes for Information Only – Summary

- **Registrar** – catalog editorial change

Curriculum Changes for Review

Deletions are indicated by ~~blue strikethrough~~ | Additions are indicated in **blue bold**
For conciseness, courses and catalog language sections that are not being changed, are not listed.

COMPUTER SCIENCE

Fall 2025

Type 1 & 2 – change course title, description; add permanent non GenEd courses

Courses

CSCI 330 : Introduction to **Machine Learning** ~~Artificial Intelligence~~

An introduction to **Machine learning in** the field of Artificial Intelligence (AI), the theory and practice behind the development of software systems that perform tasks that normally require human intelligence. Covers effective **AI machine learning** techniques (e.g. neural networks, support vector machine, clustering), usage of machine learning tools, and their application to solve programs in different fields (e.g. business, biology). Ethical and social dilemmas posed by AI will be considered. Prerequisite: CSCI 270. (4)

CSCI 313: Artificial Intelligence with Applications in Games

This course offers an in-depth exploration of Artificial Intelligence (AI) with a focus on its application to solving both video and board games. It covers the foundational AI methodologies such as search algorithms, reinforcement learning, and evolutionary strategies. Students will learn to design AI agents capable of strategic thinking and decision-making in diverse gaming environments. Through a combination of theoretical study and practical projects, the course aims to equip students with the skills to analyze situations and develop complex AI solutions. Prerequisite: CSCI 270 (4)

CSCI 333: Introduction to Bioinformatics.

Introduces the interdisciplinary fields of bioinformatics and computational biology to Computer Science majors. Topics include fundamental bioinformatics problems (e.g, alignment of biological sequences, structure of proteins, DNA, RNA) and practical applications of bioinformatics tools. Machine learning techniques (e.g., hidden Markov models, neural networks) and their applications to problems such as protein structure prediction and protein function prediction will also be covered. Ethics will be discussed as well. Prerequisite: CSCI 270 or DATA 233. (4)

MATHEMATICS

Fall 2025

Type 2 – change major requirement

Catalog

Major in Applied Mathematics

36-40 semester hours of mathematics/statistics, plus 8 to 13 semester hours of supporting courses

- 24 semester hours of required mathematics courses: MATH 152, 253, 318, 331, 422, 499A, 499B
- 4 semester hours of statistics from: MATH/STAT 145, STAT 231, or MATH/STAT 242
- 12 semester hours of electives from: MATH/STAT 342, MATH/STAT 348, either MATH 351 or PHYS 354, MATH 356, either MATH 433 or MATH 455, CSCI 330, CSCI 367, CSCI 371, CHEM 341, ECON 301, ~~or~~ ECON 344, **PHYS 331, or PHYS 401.**
 - At least 8 semester hours of these must be taken from mathematics or statistics
- 4-5 semester hours of supporting courses from: CHEM 115, CSCI 270, ECON 101 or PHYS 153/163
- 4 semester hours from CSCI 144 or DATA 133
 - MATH 356 or another approved 300-level or 400-level mathematics course may be substituted for this requirement if a student is completing the Data Science minor

A maximum of eight (8) credits at the 300+ level may be double-counted for other major requirements and a maximum of eight (8) credits may be double-counted for other minor requirements. Petitions to substitute courses may be submitted to the department chair to address double-counting constraints. Students minoring in statistics may not use any of their “8 additional semester hours of statistics” toward the Applied Mathematics major.

MUSIC

Fall 2025

Type 3 – new major*

*Type 3 proposal requiring a vote at Faculty Assembly

[Link to Proposal](#)

Catalog

BACHELOR OF SCIENCE IN MUSIC THERAPY

MAJOR REQUIREMENTS

- To be admitted to a music major program, prospective students must audition for the music faculty. To declare the music therapy major, students must interview and audition at the end of the first-year.
- Applied Lessons are to be taken in consecutive Fall/Spring Semesters
- Music therapy students are required to demonstrate proficiency in keyboard, voice, guitar, and percussion by the end of their junior year. First-year, sophomore, junior and senior assessments of musicianship in a primary applied area are required.
- Only grades of C or higher in music, music therapy foundations and clinical coursework may be counted toward the major. Courses in which the student receives lower than a C must be repeated, unless the School of Music authorizes substitute course work.
- Music therapy majors must maintain a 2.50 cumulative grade point average in academic music—courses other than applied lessons and ensembles—and clinical courses to remain in the program.

Bachelor of Science (B.S.) Degree

Major in Music Therapy

87 semester hours in music; total 115 semester hours

- **Basic Musicianship and Performance (57)**
 - **Music Core (28)**
 - MUSI 120: Music and Culture (4)
 - MUSI 125 Ear Training I (1)
 - MUSI 126: Ear Training II (1)
 - MUSI 225: Ear Training III (1)
 - MUSI 133: Music Theory & Analysis IA (2)
 - MUSI 135: Music Theory & Analysis IB (2)
 - MUSI 136: Music Theory & Analysis II (3)
 - MUSI 235: Music Theory & Analysis III (3)
 - MUSI 236: Music Theory & Analysis IV (4)
 - MUSI 151: Keyboard Musicianship I (1)
 - MUSI 152: Keyboard Musicianship II (1)

- MUSI 251: Keyboard Musicianship III (1)
 - Four (4) credits from the following:
 - MUSI 103: History of Jazz (4), *or*
 - MUSI 301: Music in Historical Context I (4), *or*
 - MUSI 302: Music in Historical Context II (4)
 - Ensembles (8)
 - Choose from MUSI 360-383
 - Applied Lessons (16)
 - Choose from MUSI 201-219, 401-419
 - Concentration Module (5)
 - MUSI 247: Percussion Lab (1)
 - MUSI 248: Voice Lab (1)
 - MUSI 249: Functional Improvisation and Arranging (2)
 - MUSI 321: Guitar Lab (1)
- Music Therapy and Clinical Foundations (50)
 - Music Therapy Core (30)
 - MUSI 160: Introduction to Music Therapy (4)
 - MUSI 310: Practicum in Music Therapy (6)
 - MUSI 311: Music for Diverse Learners (4)
 - MUSI 312: Psychology of Music (4)
 - MUSI 313: Music Therapy in Medicine (4)
 - MUSI 314: Music Therapy in Mental Health & Wellness (4)
 - MUSI 480: Capstone in Music Therapy (2)
 - MUSI 481: Internship in Music Therapy (2)
 - Clinical Foundations (20)
 - PSYC 101: Introduction to Psychology (4), *plus*
 - BIOL 111: Biology and the Modern World (4)
 - Eight (8) credits from the following:
 - PSYC 315: Clinical Psychology I: Mental Health & Psychological Disorders (4)
 - PSYC 320: Development Across the Lifespan (4)
 - PSYC 335: Cultural Psychology (4)
 - PSYC 440: Human Neuropsychology, *or* PSYC 442: Learning and Memory, *or* PSYC 448: Cognitive Psychology [each requires STAT 232] (4)
 - Four (4) credits from the following:
 - STAT 231: Introductory Statistics (4)
 - STAT 232: Introductory Statistics for Psychology Majors (4)
 - STAT 242: Introduction to Mathematical Statistics (4)
 - MATH/STAT 145: Statistics for Biologists (4)

- **Electives (8)**
 - *Eight (8) credits chosen from the following. Elective courses may not count toward the Clinical Foundations course requirements.*
 - ANTH 102, BIOL 205, BIOL 206, KINS 326, KINS 366, KINS 384, PSYC 315, PSYC 320, PSYC 335, PSYC 440, PSYC 442, PSYC 448, SPED 307, SPED 342, SPED 376, SPED 404, SPED 409.

Courses

MUSI 160: Introduction to Music Therapy

A survey of the scope and variety of practices in the music therapy profession. Course topics include the history of music therapy, current research, treatment processes, and populations served. Open to all students interested in the field of music therapy. (4)

MUSI 248: Voice Lab

This course is designed for students with little to no vocal training. Students will learn fundamental vocal techniques, proper breathing, posture, culminating in the ability to perform songs with confidence. May be repeated once for additional credit and/or further training toward the proficiency standard. (1)

MUSI 249: Functional Improvisation and Arranging

This course introduces students to the fundamentals of musical improvisation and arranging. Through practical exercises, listening, and composition assignments, students will develop their creative skills, enhance their understanding of musical structure, and explore various styles and genres. May be repeated once for additional credit. (2)

MUSI 310: Practicum in Music Therapy

Observation, co-leading, or leading music therapy sessions are supervised by board-certified music therapists at healthcare, education or community sites. Weekly seminars debrief clinical issues and develop musical interventions through singing, movement, improvisation, playing multiple genres on several instruments, and uses of technology. Repeatable for credit; 6 total hours required. Prerequisite: MUSI 160. (1)

MUSI 311: Music for Diverse Learners

This course explores strategies for adapting music therapy and music education practices to meet the needs of diverse learners. Course will

examine current legislation related to the education and care of children and adolescents with disabilities. Topics include cultural competence, adapting music interventions and materials, and best practices for addressing the needs of individuals with disabilities and diverse cultural backgrounds. Restricted to Music Education and Music Therapy majors. (4)

MUSI 312: Psychology of Music

Music psychology research relevant to the development of neurology and the brain, musical abilities, music perception and cognition, learning, emotion and meaning, performance, performance anxiety, and other musical behaviors. Open to all Music majors. (4)

MUSI 313: Music Therapy in Medicine

An investigation of the theory, research and clinical skills related to the use of music therapy in medical centers. A focus is on the connection of the mind, body, and spirit, and how music can influence one's health. Topics include music therapy and telehealth, palliative care, hospice, pain management, and rehabilitative medicine. Prerequisite: MUSI 160, PSYC 101. (4)

MUSI 314: Music Therapy in Mental Health & Wellness

This course investigates theory, research and clinical skills related to the use of music therapy in mental health care. Psycho-musical foundations of music therapy, behavioral-emotional disorders, self-identity formation and maintenance, psychotherapeutic models, and music therapy approaches will be explored. Ethics, group process, and multicultural issues will be addressed within the context of music therapy practice. Perspectives of wellness, wellness centers are considered. Prerequisite: MUSI 160, PSYC 101. (4)

MUSI 480: Capstone in Music Therapy - SR

This course serves as the senior year culminating experience, as well as preparation for the six-month internship required by the American Music Therapy Association (AMTA). The course will examine current issues related to the field of music therapy, especially as addressed in the regional and national conferences. The course is designed as a seminar with a focus on discussion, readings, and personal reflections with 1:1 preparation for the transition from student to intern. (2)

MUSI 481: Internship in Music Therapy

Supervised full-time clinical experience at an American Music Therapy Association (AMTA) National Roster or University-Affiliated Internship Site. (2)

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REGISTRAR

J-term 2025

Type 1 – catalog editorial change

Catalog

In-Progress Grade

In-Progress (IP) grade signifies progress in a course that normally runs more than one term to completion. In Progress carries no credit until replaced by a permanent grade. **To receive credit, all work must be completed and a passing grade recorded. In-Progress grades from Spring Semester and the Summer Term are due six weeks into the Fall Semester. In-Progress grades from Fall Semester and J-Term are due six weeks into the Spring Semester. For those capstone courses that are designed to extend two semesters, the in-progress grade for the first semester course is due at the same time as the second semester course grade. If a final grade is not submitted by the deadline, the in-progress grade will be defaulted to an E or F grade. An in-progress does not entitle a student to attend the class again without re-enrollment and payment of tuition. In-Progress grades may not be assigned an incomplete grade. A permanent grade must be submitted to the Office of the Registrar within one year of the original IP grade submission. Any IP grade that is not converted to a permanent grade within one year will automatically convert to an Incomplete (I) and will then be subject to the policy governing Incomplete grades.**