**16-17 UG course description changes – MG 3/24/2016**

**BIO 300** Ecology Lecture should be BIO **300T**

**BIO 300** Ecology Laboratory should be BIO **300L**

Please add:

**BIO 472 Oncology (4)**

This course will provide an introduction to the field of cancer biology, covering how cancer develops from defects in genes that govern normal cell growth and death processes. Throughout the course, an emphasis will be placed on comparing the common cellular pathways that are deregulated across many cancer types, thus highlighting the pharmacological targets of current cancer therapies. Also, a special section will cover the use of engineered nanomaterials for cancer prevention and novel treatment strategies. After covering relevant introductory concepts, a review and research paper will be assigned to the class, with students taking the lead in a topical discussion of the research paper.

Changes:

**CE 303**

Change prerequisite to: **Prerequisite: MAT 151, BIO 101T, and BIO 101L or CHE 130T and CHE 130L**

**CHE 330**

Change prerequisite to: **Prerequisite: CHE231T and CHE 231L or equivalent**

**CTC 218**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, and MAT 120**

**CTC 222**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, MAT 120, and CTC 218**

**CTC 450**

Change prerequisite to: **Co-requisite: CHE 110T and CHE 110L**

**ECE 332**

Change prerequisite to: **Prerequisite: PHY 201T, PHY 201L, CHE 110T, and CHE 110L or equivalent.**

**ETC 265**

Change prerequisite to: **Prerequisite**: **PHY 101T, PHY 101L, and ETC 102 or equivalent**

**ETC 290**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or permission of instructor**

**ETC 392**

Change prerequisite to: **Prerequisite**: **PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent.**

**ETC 394**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent**.

**ETC 395**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent**.

**ETC 397**

Change prerequisite to: **Prerequisite: MAT 121, PHY 101T, and PHY 101L.**

**ETC 432**

Change prerequisite to: **Prerequisite: MAT 121, PHY 101T, and PHY 101L.**

**ETC 484**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent.**

**MTC 218**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, and MAT 120**

**MTC 222**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, MAT 120, and MTC 218**

**MTC 290**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or permission of instructor.**

**MTC 392**

Change prerequisite to: **Prerequisite**: **PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent.**

**MTC 394**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent**.

**MTC 395**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent**.

**MTC 432**

Change prerequisite to: **Prerequisites: MAT 121, PHY 101T and PHY 101L.**

**MTC 471**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L or equivalent or permission of instructor.**

**MTC 484**

Change prerequisite to: **Prerequisite: PHY 101T, PHY 101L, CHE 110T, and CHE 110L or equivalent.**

**ECE 332**

Change pre-req to: **Prerequisites: PHY 201T, PHY 201L, CHE 110T, and CHE 110L or equivalent.**

**ME 330**

**Change pre-req to: Prerequisites: CHE 130T and CHE 130L, ESC 220, and MAT 260**

**ME 430**

**Change pre-req to: Prerequisites: PHY 201T, PHY 201L, and MAT 253**

**PHY 361**

**Change pre-req to: Prerequisites: MAT 230, MAT 253, PHY 201T, and PHY 201L or equivalents**

**PHY 371**

**Change pre-req to: Prerequisites: MAT 230, MAT 253, PHY 202T, and PHY 202L or equivalents**

**ESC 210**

Change pre-req to: **Prerequisites: MAT 152, PHY 201T, and PHY 201L**

**ESC 220**

Change pre-req to: **Prerequisites: PHY 201T, PHY 201L, CHE 130T, and CHE 130L**

**ESC 240**

Change pre-req to: **Prerequisites: PHY 201T, PHY 201L, MAT 230, ESC 210.**

**HIM 305**

**Change pre-req to: Prerequisites:** **HIM 100/111/212, BIO 215T, BIO 215L, BIO 216T, and BIO 216L.**

**HIM 306**

**Change pre-req to: Prerequisites:** **BIO 215T, BIO 215L, BIO 216T, and BIO 216L.**

**HIM 392**

**Change pre-req to: Prerequisites:** **HIM 100, HIM 305, HIM 306, HIM 309,** **BIO 215T, BIO 215L, BIO 216T, and BIO 216L.**

**ECE 260**

**Change pre-req to: Prerequisite: PHY 201T, PHY 201L and Pre/Corequisite: MAT 230.**

**ECE 332**

**Change pre-req to: Prerequisites: PHY 201T, PHY 201L, CHE 110T, and CHE 110L or equivalent.**

**PHY 351**

Change pre-reqs to: **Prerequisites:** **Calculus Based Physics II (PHY 202T/L) and Differential Equations (MAT 230) or** **equivalents.**

**PHY 371**

Change pre-reqs to: **Prerequisites: MAT 230, MAT 253, PHY 202T, and PHY 202L or equivalents.**

\*Remove HIM 405

**HIM 493**

Change pre-reqs to: Pre/Co-requisite : HIM 450 and permission of HIM Program Coordinator

**HIM 495**

Change pre-reqs to: **Co-requisites: completion of or concurrent enrollment in HIM 450 and HIM 440. Prerequisite: Matriculated status in the SUNY Polytechnic Institute HIM program.**