**YU Undergraduate Economics**

**Mission Statement**

The mission of the Economics department is to prepare students either for employment or further study in economics or related fields by providing them with analytical and quantitative skills that practitioners, researchers, and policymakers use to understand how markets allocate scarce resources.

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| **Program/Major Goals** | **SLOs** |
| 1. Students will be able to apply analytical tools to understand how modern economies allocate scarce resources to produce goods and services | a. Students will be able to apply standard analytical tools to questions of current interest. |
| b. Students will be able to understand concepts of market equilibrium and general equilibrium |
| c. Students will be able to understand rational decision-making regarding the allocation of time, expenditures, and financial assets |
| 2. Students will obtain quantitative skills that will enable them to understand and work with data and mathematical models of markets and economic variables | a. Students will be able to understand basic statistical concepts and their application to real-world data  |
| b. Students will be able to apply the tools of econometrics such as regression analysis |
| c. Students will be able to understand basic optimization theory and the solution of simple mathematical models.  |
| 3. Students will be able to articulate a well-defined research question and conduct independent research using economic reasoning and data.  | a. . Students will be able to distinguish between research and polemics |
| b. Students will be able to master at least one advanced topic and be exposed to recent research. |
| c. Students will be able to undertake a research project or review. |
| 4. Students will able to communicate economic ideas effectively in written and oral form. | a. Students will be able translate complex economic arguments into coherent prose |
| b. Students will be able to make policy recommendations for current or hypothetical situations. |
| c. Students will recognize appropriate tools for analysis of particular problems or situations |

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| SLOs

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 | Courses/Learning Experiences |
| **1010** | **Mat 1412** | **1101** | **1201** | **STA 1021** | **1421** | **Capstone/****Research Seminar** |
| 1a. Students will be able to apply standard analytical tools to questions of current interest. | x |  | x | x |  |  |  |
| 1b. . Students will be able to understand concepts of market equilibrium and general equilibrium | X |  | X | X |  |  |  |
| 1c. Students will be able to understand rational decision-making regarding the allocation of time, expenditures, and financial assets. | X |  | X | X |  |  |  |
| 2a. Students will be able to understand basic statistical concepts and their application to real-world data |  |  |  |  | X | X |  |
| 2b. Students will be able to apply the tools of econometrics such as regression analysis |  |  |  |  |  | X | X |
| 2c. Students will be able to understand basic optimization theory and the solution of simple mathematical models.  |  | X | X | X |  |  |  |
| 3a. Students will be able to distinguish between research and polemics |  |  |  |  |  |  | X |
| 3b. Students will be able to master at least one advanced topic and be exposed to recent research. |  |  |  |  |  |  | X |
| 3c. Students will be able to undertake a research project or review. |  |  |  |  |  |  | X |
| 4a. Students will be able to apply standard analytical tools to questions of current interest. |  |  | X | X |  | X | X |
| 4b. Students will be able to make policy recommendations for current or hypothetical situations. |  |  |  | X | X |  | X |