

# **COURSES REQUIRED FOR HONORS ACADEMY COMPLETION**

## **(Class of 2021+):**

### **Mathematics:**

01:640:151:H Section – Honors Calculus I

01:640:152:H Section – Honors Calculus II

01:640:251:H Section – Honors Calculus III

01:640:244 – Diff Eqs/Engr&Phys (Honors section NOT required)

- Note: 01:640:252:H Section is NOT ACCEPTABLE for School of Engineering credit
- Note: 01:640:191, 01:640:192, and 01:640:291 are not recommended for Honors students in the School of Engineering

### **Physics:**

01:750:123:H – Analytical Physics IA (Fall ONLY)

01:750:124:H – Analytical Physics IB (Spring ONLY)

01:750:227:H – Analytical Physics IIA (Fall ONLY) and

01:750:229 – Analytical Phys. IIA Lab (Fall ONLY)

01:750:228:H – Analytical Physics IIB (Spring ONLY) and

01:750:230 – Anal. Physics II Lab (Spring ONLY)

- Note: 01:750:228 (Analytical Physics IIB) not required for some departments (see departmental requirements chart below). **This includes the lab!**

### **General Engineering:**

14:440:191 – Honors Introduction to Engineering (Fall Term ONLY)

14:440:291 – Honors Engineering Mechanics: Statics

14:440:292 – Honors Engineering Mechanics: Dynamics (Fall term ONLY)

- Note: 14:440:292 NOT REQUIRED if normal major curriculum does not require 14:440:222 (Engineering Mechanics: Dynamics), see departmental requirements chart below

### **English:**

01:355:103 – Exposition and Argument

**ANY EXCEPTIONS TO THESE COURSES MUST BE GRANTED BY DEAN ANTOINE IN THE ENGINEERING BUILDING, Room B114A.**

# **COURSES REQUIRED FOR HONORS ACADEMY COMPLETION**

## **(Class of 2020/2019/2018):**

### **Mathematics:**

01:640:151:H Section – Honors Calculus I

01:640:152:H Section – Honors Calculus II

01:640:251:H Section – Honors Calculus III

01:640:244 – Diff Eqs/Engr&Phys (Honors section NOT required)

- Note: 01:640:252:H Section is NOT ACCEPTABLE for School of Engineering credit.
- Note: 01:640:191, 01:640:192, and 01:640:291 are not recommended for Honors students in the School of Engineering.

### **Physics:**

01:750:271 – Honors Physics I (Fall ONLY) and

01:750:275 – Classical Physics Lab I (Fall ONLY)

01:750:272 – Honors Physics II (Spring ONLY) and

01:750:276 – Classical Physics Lab II (Spring ONLY)

01:750:273 – Honors Physics III (Fall Term ONLY)

- Note: 01:750:273 NOT REQUIRED if normal major curriculum does not require 01:750:228 (Analytical Physics IIB)

### **General Engineering:**

14:440:191 – Honors Introduction to Engineering (Fall Term ONLY)

14:440:291 – Honors Engineering Mechanics: Statics

14:440:292 – Honors Engineering Mechanics: Dynamics (Fall term ONLY)

- Note: 14:440:292 NOT REQUIRED if normal major curriculum does not require 14:440:222 (Engineering Mechanics: Dynamics).

### **English:**

01:355:103 – Exposition and Argument

**ANY EXCEPTIONS TO THESE COURSES MUST BE GRANTED BY DEAN ANTOINE  
IN THE ENGINEERING BUILDING, Room B114A.**

## **HONORS DEPARTMENTAL REQUIREMENTS (Class of 2021+)**

<b><u>MAJOR</u></b>	<b><u>GEN CHEM II</u></b>	<b><u>A. PHYS. IIB*</u></b>	<b><u>HON DYNAMICS</u></b>
Applied Sciences	Yes	Yes	No**
Packaging**	Yes	No	Yes
Bioenvironmental	Yes	No	Yes
Biomedical	Yes	Yes	No
Chemical/Biochemical	Yes	No	No
Civil/Environmental	Yes	No	Yes
Electrical/Computer	No	No	No
Industrial	Yes	No	Yes
Materials	Yes	No	No
Mechanical/Aerospace	Yes	Yes	Yes

\*Analytical Physics IIB and Analytical Physics IIB Lab

\*\* Honors Dynamics DOES apply for Packaging engineers

## **HONORS DEPARTMENTAL REQUIREMENTS (Class of 2020/2019/2018)**

<b><u>MAJOR</u></b>	<b><u>GEN CHEM II</u></b>	<b><u>HON PHYS III</u></b>	<b><u>HON DYNAMICS</u></b>
Applied Sciences	Yes	Yes	No*
Packaging*	Yes	No	Yes
Bioenvironmental	Yes	No	Yes
Biomedical	Yes	Yes	No
Chemical/Biochemical	Yes	No	No
Civil/Environmental	Yes	No	Yes
Electrical/Computer	No	No	No
Industrial	Yes	No**	Yes
Materials	Yes	No	No
Mechanical/Aerospace	Yes	Yes	Yes

\* Honors Dynamics DOES apply for Packaging engineers

\*\* This applies to Industrial Engineering students graduating after **2018**