WHAT DO YOU HOPE TO GAIN FROM THIS SESSION?
WHY ARE WE HERE?
TO WELCOME, ENCOURAGE, AND VALIDATE YOU

STRATEGIES, RESOURCES FOR ACADEMIC SUCCESS

LEARNING > > >
WAYS TO GET INVOLVED OUTSIDE THE CLASSROOM

WHY DO YOU TAKE THE COURSES YOU DO?

GET TO KNOW YOUR FACULTY
ENGINEERING DEGREE REQUIREMENTS

COURSE ENROLLMENT BASICS
WHO ARE WE

Blake Jimenéz-Calhoun, Director of Undergraduate Success

Lisa Lampe, Director of Undergraduate Education

Jesse Rogers, Registrar

Will Guilford, Associate Dean for Undergraduate Affairs

Trayc Freeman, Undergraduate Manager
UNDERSTANDING SUCCESS

Seek Support

Know and utilize resources

Embrace Challenges
HOW DO YOU TYPICALLY WORK THROUGH ACADEMIC CHALLENGES?
WORKING THROUGH CHALLENGES

- IT’S OK TO NEED HELP!
- ASSEMBLE YOUR SUPPORT TEAM
- CONSISTENTLY ENGAGE
BUILD YOUR SUCCESS TEAM

LEARNING

Your Professors

Academic Advisor

Blake Jimenéz-Calhoun, Director of Undergraduate Success

Lisa Lampe, Director of Undergraduate Education

Courtney McMaster, Accessibility Specialist

Maya Drake, International Programs Advisor

Will Guilford, Associate Dean for Undergraduate Affairs

FREE TUTORING

ACADEMIC RECORD

Jesse Rogers, Registrar

Trayc Freeman, Undergraduate Manager
BUILD YOUR SUCCESS TEAM

CAREER

Julia Lapan, Director of Engineering Career Development
Frances McBride, Associate Director and Career Coach
Heather Palmer, Assistant Director & Career Advisor
Dana Quist, Assistant Director & Career Advisor
BUILD YOUR SUCCESS TEAM

WELLBEING
Alex Hall, Associate Dean of Students
Liz Ramirez-Weaver, LCSW
Katie Fowler, MA, LPC

COMMUNITY AND IDENTITY
James Bland, Director of the Center for Diversity in Engineering
Katie Giwa-Osagie, Program Coordinator
Donnell Wright, Graduate Assistant

STUDENT ORGANIZATIONS
National Society for Black Engineers
Society for Hispanic Professional Engineers
Society for Women in Engineering
Out in STEM
Women in Computer Science
Women in Chemical Engineering Society
LET’S REFLECT
GETTING TO KNOW YOUR FIRST-YEAR SCHEDULE

JESSE ROGERS, REGISTRAR
"STANDARD" FIRST SEMESTER CLASSES

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Subject &amp; Course #</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Math (APMA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Variable Calc I or Single Variable Calc II or Multivariable Calc III</td>
<td>APMA 1090*</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>APMA 1110</td>
<td></td>
</tr>
<tr>
<td></td>
<td>APMA 2120</td>
<td></td>
</tr>
<tr>
<td>Intro to Chemistry</td>
<td>CHEM 1410</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry Lab</td>
<td>CHEM 1411</td>
<td>1</td>
</tr>
<tr>
<td>Intro to Engineering</td>
<td>ENGR 1624</td>
<td>4</td>
</tr>
<tr>
<td>Sci, Tech, &amp; Contemporary Issues OR Humanities &amp; Social Science Elective</td>
<td>STS 1500 OR HSS Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

* APMA 1090 Counts as a 3-credit unrestricted elective
# Variations on “Standard” Schedule

<table>
<thead>
<tr>
<th>If you have credit for...</th>
<th>Consider replacing with...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multivariable Calc III—APMA 2120</td>
<td>• Higher math (determined by intended major)</td>
</tr>
</tbody>
</table>
| Intro to Chemistry—CHEM 1410 | • Introduction to Programming  
  • Math & Science Elective  
  • Physics I Lecture and Lab |
| HSS Elective | • Another HSS Elective  
  • Unrestricted Elective  
  • Introduction to Programming  
  • Math & Science Elective |
<table>
<thead>
<tr>
<th>Elective</th>
<th>What counts?</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSS Elective</td>
<td>Courses that instill cultural values, explorations of society</td>
</tr>
</tbody>
</table>
| Unrestricted Elective    | Any graded course at the University  
  • KINE 1000-level courses do not count                                                                                                       |
| Math & Science Elective  | Short list of technical classes  
  • BIOL 2100: Cell Biology & Genetics with Lab  
  • BIOL 2200: Organismal and Evolutionary Biology with Lab  
  • CHEM 1420: Introductory College Chemistry II  
  • PHYS 2620: Modern Physics  
  • MSE 2090: Intro. Material Science  
  • Any APMA course 2000 or higher not already required by a student’s major and does not duplicate material from another APMA course  
  • Exceptions approved by Undergraduate Dean |
### STANDARD SECOND SEMESTER COURSES

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Subject &amp; Course #</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Math (APMA)</td>
<td>APMA 1110, APMA 2120</td>
<td>4</td>
</tr>
<tr>
<td>Single Variable Calc II or Multivariable Calc III</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intro to Programming</td>
<td>CS 1110, 1111, or 1112</td>
<td>3</td>
</tr>
<tr>
<td>General Physics I</td>
<td>PHYS 1425</td>
<td>3</td>
</tr>
<tr>
<td>General Physics I Lab</td>
<td>PHSY 1429</td>
<td>1</td>
</tr>
<tr>
<td>Sci, Tech, &amp; Contemporary Issues OR</td>
<td>STS 1500 OR HSS Elective</td>
<td>3</td>
</tr>
<tr>
<td>Humanities &amp; Social Science Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math and Science Elective</td>
<td>Varies</td>
<td>3</td>
</tr>
</tbody>
</table>
## COMPUTER SCIENCE OPTIONS

<table>
<thead>
<tr>
<th>Considerations for Enrollment</th>
<th>Subject &amp; Course #</th>
<th>Lecture Format</th>
<th>Lab Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open to students of all programming backgrounds</td>
<td>CS 1110</td>
<td>Three 50 minute lectures</td>
<td>One mandatory 75 min lab</td>
</tr>
<tr>
<td>Need prior programming experience</td>
<td>CS 1111</td>
<td>Two 75 min lectures</td>
<td>Open lab</td>
</tr>
<tr>
<td>Restricted to no programming experience</td>
<td>CS 1112</td>
<td>Three 75 min lectures</td>
<td>Built-in lab</td>
</tr>
</tbody>
</table>
WHY THESE COURSES?

DEAN WILL GUILFORD
LET’S RECAP
# IMPORTANT DEADLINES

<table>
<thead>
<tr>
<th>Deadline</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Enrollment</td>
<td>Aug. 3</td>
</tr>
<tr>
<td>Course Add</td>
<td>Sept. 6</td>
</tr>
<tr>
<td>Non-Engineering Course Drop (includes CHEM/PHYS)</td>
<td>Sept. 7</td>
</tr>
<tr>
<td>Engineering Course Drop</td>
<td>Oct. 11</td>
</tr>
<tr>
<td>Withdraw</td>
<td>Oct. 18</td>
</tr>
<tr>
<td>Engineering Major Declaration</td>
<td>Early March</td>
</tr>
</tbody>
</table>
COURSE ENROLLMENT

- Breakout Sessions

- https://in.virginia.edu/sis-student

- DO NOT CHANGE YOUR PRE-ENROLLED COURSES! I REPEAT... DO NOT CHANGE YOUR PRE-ENROLLED COURSES!!!
Q & A