

*Biotility includes these free tools with Exam Site Registration to help candidates succeed.*



## BACE Practice Exam Course Modules

The BACE Practice Exam Course features six modules that align with exam categories — from self-assessment and math skills to industry practices — ensuring students are prepared for both the Knowledge and Practical portions of the BACE exam.

By integrating these modules into your teaching strategy, you can empower your students to excel on the exam and in their future careers.

**MODULE 1: Proficiency Plotter**

**MODULE 2: Regulatory Compliance and Quality Systems**

**MODULE 3: Trial Run: Practice Exam**

**MODULE 4: Number Crunch**

**MODULE 5: Competency Challenge and Badges**

**MODULE 6: Stepping Into the Biotech Workforce**



## Practice Exam Results

Candidate results for the online Practice Exam are provided through multiple reports. Teachers are also provided with TA access to assess and assign student work.

### GRADEBOOK REPORT

The Gradebook provides a quick way to view Practice Exam results for all candidates.

### QUIZ STATISTICS & ANALYSIS REPORT

The Quiz Analysis includes statistics for overall quiz scores.

### ITEM ANALYSIS REPORT

The Item Analysis includes statistics for items in a quiz and their correlation to the overall quiz score.



## Beyond the Practice Exam

### SUPPLEMENTARY LEARNING MATERIALS

Biotility has curated a comprehensive list of top online resources for Biotechnology educators and students, located in the BACE Study Materials and Resource Guide.

### CAREER EXPLORATION

Biotility partners with Biotech-Careers.org, which provides information about careers and career pathways in the biotechnology industry, as well as position spotlights, informational videos, examples of bioscience companies, and real-life job postings.



**Client Services consultations  
are always FREE**

*Biotility is a nonprofit center within the University of Florida.*

# BACE PRACTICE EXAM COURSE MODULES

## MODULE 1: Proficiency Plotter

EMPOWERING STUDENTS TO NAVIGATE THEIR BIOTECH LEARNING JOURNEY

Designed to help students assess their understanding of key concepts covered on the BACE. Through a series of eight BACE category surveys and quizzes, students evaluate familiarity with the subcategories, creating a personalized map of strengths and areas requiring additional focus.

Benefits:

- Engages students in reflective practice
- Involves students in their own learning process
- Prepares students to focus their efforts
- Provides feedback to educators

## MODULE 3: Trial Run

PRACTICE, LEARN, AND PREPARE FOR THE CHALLENGE

Allows students to engage in realistic practice and build confidence before the Competency Challenge or the BACE exam. The module's Online Practice Exams closely mirror the content and format of the real BACE exam, offering an accurate representation of what students will encounter.

Benefits:

- Immediate feedback, including correct answers
- Educator access to student results
- Identify topics needing further instruction

## MODULE 5: Competency Challenge and Badges

EMPOWERING STUDENTS TO EXCEL

This final BACE exam preparation step offers a realistic practice experience and helps solidify the biotech knowledge and skills developed. It also serves as a powerful tool for both assessment and motivation.

Benefits:

- Experience eight BACE category quizzes that speak to actual exam content
- Create enthusiasm with digital badges that can be shared on resumes and professional profiles
- Provide valuable insights into areas where students may benefit from further review

## MODULE 2: Regulatory Compliance and Quality Systems

BRIDGING THE KNOWLEDGE GAP FOR YOUR STUDENTS

Provides content that is essential for the BACE exam but is often not included in standard biotech curricula. Current Good Manufacturing Practices (CGMP) are fundamental to ensuring the quality and safety of biotech products, making this knowledge critical for students' success on the exam and in their future careers.

Covered:

- Regulatory compliance
- Current Good Manufacturing Practices (CGMP)
- Good Documentation Practices (GDP)
- Industry structure and departmental roles

## MODULE 4: Number Crunch

STRENGTHENING MATH SKILLS FOR THE BACE

Helps students refine mathematical skills, which are essential for success on the BACE. Focuses on key math concepts that are often challenging, such as scientific notation, significant digits, decimals, serial dilutions, solution preparation, conversions, and more.

Benefits:

- Build confidence in math skills
- Identify areas needing further review
- Inform targeted instruction to address gaps

## MODULE 6: Stepping into the Biotech Workforce

PREPARING YOUR STUDENTS FOR THEIR CAREERS

An invaluable resource designed to help your students make the transition from your class to a professional career in biotechnology.

Covered:

- How to create a professional LinkedIn profile
- Effective networking strategies
- Resources to prepare for interviews and improve communication skills
- Guidance on crafting compelling resumes, cover letters, and other essential job application documents