Materials Lists for Friends of Wellesley College Botanic Gardens Classes

On the following pages you’ll find the materials lists for the various art courses given by WCBG Friends.

Each materials list is on a separate page, so that you can easily print only the pages you need.

The lists are in the following order:
  • Alphabetically by type of class (BAC, HOR, WCC, etc.)
  • Academic year of class (20, 21, 22 etc.)
  • Number of class (010, 020, 101, 104, 201, etc.)

For instance, **all BAC classes for all academic years will be listed at the top of the document by academic year and then number of the class.**

If the materials list for course you are interested in doesn’t appear here:
  • Check back again closer to the start date of the first class – not all instructors have provided material lists yet for this year.
BAC 20 010 – Drawing and Painting for the Petrified
Instructor: Sarah Roche

Get started painting! All abilities and anxiety levels welcome. In this relaxed, informative seminar with plenty of helpful demonstrations, you will work towards developing your drawing and painting skills. Sarah Roche encourages your observational skills to grow as you experiment with line drawings and the accurate representations of botanical forms. Leap into watercolor painting as Sarah guides you through a series of fun beginning botanical watercolor exercises.

Materials List for first class:

Spiral bound drawing pad: 9”x12” or 10”x14”
Tracing paper
Pencils: 2H, H, F, HB, B
Staedlar white plastic eraser
Exacto or retractable craft knife
Sandpaper block or emery board
White china plate or plastic palette
Viva paper towel
Small clear jam jar

WCBG Friends will provide watercolor paint. Sarah will discuss brushes and watercolor papers necessary for remaining classes.
BAC 20 021 – Beginning With Light
Instructor: Elaine Searle

Knowing how to set up your specimen with correct lighting to reveal all the nuances of form, color and texture is essential to capturing realism in your botanical art. In this one day workshop Elaine Searle will demonstrate her technique and guide you in getting the best results. The day will start with a short presentation and you will partner up to try out the lighting rig. Having lit and photographed specimens we will do some practical work on painting realistic light and shadow on varying reflective surfaces. The workshop is suitable for all levels from beginner to advanced.

Materials List:

Coming soon.
BAC 20 043 – Crow-Quill Pen for Beginners
Instructor: Carol Ann Morley

Would you like to draw with pen and ink and learn how to work with the Crow-Quill pen? Then this class is for you. Through exercises and demos, instructor Carol Ann Morley will show you how to hold the pen to achieve different strokes, create textures and produce a variety of ink techniques like cross-hatch and stipple. Pen and ink has a unique language of its own with its expressive flowing lines and range of tonal depth. Explore the wonders of this unique medium and learn how to build your own visual vocabulary. This class will help give you the techniques and technical skills that you will need to proceed to representational ink drawings. We will be working with sepia ink. This class is perfect for beginners as well as those who wish to refresh their ink skills prior to taking “Capturing Nature in Sepia.”

Materials List:
Coming soon.
BAC 20 075 – Celebrating the Season: Holiday Card Workshop
Instructor: Sarah Roche

Taking your inspiration from the fruits and foliage of the holiday season, create a pen and ink painting suitable for your holiday cards, gift tags and notepaper. Sarah Roche will lead you through the process and help you get your artwork ready for reproduction. Suitable for Techniques and experienced Foundations students.

Materials List:
The materials required for this class are the same materials used in your Foundations/Techniques of Botanical Drawing and Painting class. Sarah will provide more information regarding plant materials or additional art supplies as we get closer to the class.
BAC 20 101/102 – Foundations of Botanical Drawing and Painting
Instructor: Sarah Roche

Through demonstrations and tutorials, Education Director Sarah Roche will introduce you to the traditional art and science of botanical drawing and painting. Instructional focus includes observational skills, drawing, composition, design, and watercolor techniques. For the fall, this class will focus on mixing greens, building up the intensity of a painting through washes and glazes to give complex and rich detail. Starting with studies and exercises, we will work together to complete a final painting with accurate color, texture and detail. Topic for winter class TBD.

Materials List for First Class:

Spiral bound drawing pad: 9”x12” or 10”x14”
Tracing paper
Pencils: Staedtler Pencil Mars Lumograph, 12 Pieces Set (100 G12)  
https://www.amazon.com/dp/B0014E2S0Q/ref=cm_sw_r_cp_api_3lqDyb3DMYVSK
Staedlar white plastic eraser
Exacto or retractable craft knife
Sandpaper block or emery board

Sarah will provide plant material. She will hand out a more extensive materials list at the first class
BAC 20 101A – Introduction to Botanical Art: Foundations in a Week

Instructor: Sarah Roche

Explore the world of botanical art over four days in this course designed especially for you – the beginner. **Sarah Roche** guides your experience through structured exercises, projects and demonstrations, exposing you to the basic techniques and methods of botanical drawing and watercolor painting.

**Materials List:**

**Paper**
- Spiral bound watercolor pad – 11x15; Strathmore Watercolor, 400 Series (brown cover)
- Spiral bound drawing pad – 9x12 or 10x14
- Tracing paper

**Drawing equipment**
- Graphite pencils 2H, F, HB, B; Staedtler Pencil Mars Lumograph, 12 Pieces Set (100 G12) [https://www.amazon.com/dp/B0014E2S0Q/ref=cm_sw_r_cp_api_3lqDyb3DMYVSK](https://www.amazon.com/dp/B0014E2S0Q/ref=cm_sw_r_cp_api_3lqDyb3DMYVSK)
- Staedler plastic eraser
- Exacto or retractable craft knife and blades
- Sandpaper block or emery boards

**Brushes**
- Two round brushes – size 6:
  - Rosemary & Co. brushes, Series 33, Size 6 (available for sale from WCBG Friends in class)
  - OR
  - Isabey 6227Z
- At least one size 4 – same series as above

**Paint:**

*Winsor and Newton – Artist’s Quality Watercolor* (Note: Do not purchase “Student Quality”)

<table>
<thead>
<tr>
<th>Lemon Yellow (Nickel Titanate)</th>
<th>Winsor Lemon</th>
<th>Permanent Alizarin Crimson</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Gamboge</td>
<td>Permanent Rose</td>
<td>Winsor Blue-Green Shade</td>
</tr>
<tr>
<td></td>
<td>Scarlet Lake</td>
<td></td>
</tr>
</tbody>
</table>

*Daniel Smith “Extra Fine Watercolors”*

- Burnt Sienna
- Raw Sienna
- Ultramarine Blue
- Sap Green

**Miscellaneous**

- Water container
- Palette or white china plate
- Paper towel – Viva
- Magnifying glass
- Pinholder / frog / small vase / bottle or clamp for holding specimen
- Masking tape
- Battery-powered work lamp (there will be some limited availability for plugging in electric lamps, but you must bring your own extension cord, please)
Websites
www.aswexpress.com
www.cheapjoes.com
www.dickblick.com
www.jerrysarterama.com
www.rosemaryandco.com
www.danielsmith.com

Stores
The Art Experience, Avon
Dick Blick, near Fenway Park, Boston
Michaels (basic paper, paints)
BAC 20 104 / 204 – Spring Studio Focus
Instructor: Sarah Roche

Sarah Roche helps you capture some of spring’s most beautiful specimens in watercolor. Exact topic will be announced in the 2020 Spring-Summer brochure. This class is suitable for both Foundations and Techniques levels of experience.

Materials List

The materials required for this class are the same materials used in your Foundations/Techniques of Botanical Drawing and Painting class. Sarah will provide more information regarding plant materials or additional art supplies as we get closer to the class.
BAC 20 111 – Introduction to Botany Through Drawing
Instructor: Louise Barteau

Alongside artist and naturalist Louise Barteau, examine topics in botany through close observation and immersive drawing exercises. Discuss the science of plants, and learn how to look closely at plant parts and how to draw plants quickly and correctly. We will include plant families and natural communities in our understanding of each plant species that we examine. The goal of this class is to have fun and fill your sketchbooks as we learn how to use drawing as a tool to better see and understand plants and how they work. A copy of Botany Illustrated by Glimm-Lacy & Kaufman is included in the course fee.

Materials List:

I have tried to keep the required supplies down to a minimum to get us started. I will bring enough dividers and hand lenses for all of us, but you may decide to get your own as the class continues. If you don’t already have charcoal, no worries, I will bring extra sticks, but if you have your own, feel free to bring it.

Choose a sketchbook to devote to this class. I recommend wire bound as they stay open easily. At the end of the class, these sketchbooks will be shared as part of the final project.

Required Supplies:

- 18 x 22 newsprint pad
- 18 x 22 sketch drawing paper pad
- Sketchbook 9X12 or 8X10 no smaller! (wirebound makes it easier to work in) to be devoted to this class
- Pencils and erasers of your choice, and a sharpener
- Soft charcoal stick medium to large (optional)
- Brushes (a range of sizes from small and large) and ink, or sepia watercolor for ink/brush drawings along with a small water container and palette
- Glue stick, scotch or art tape
Instructor: Pamela Harrington

Botanical art, with its rich history and high standards, has always informed and promoted botany and the plant world. Since the Renaissance and fueled by centuries of plant exploration, great discoveries in global flora, advances in printing techniques, and an increasing interest in horticulture, botanical art gained a wide audience and flourished as both an art form and a means to document plant species from 1600 – 1900. Beginning in the 1990s, there has been a resurgence of interest in contemporary botanical art. Pam Harrington will review the significant roles and styles of botanical art, from early times to the present. The class will also visit the Special Collections in Wellesley College’s Margaret Clapp Library for a special viewing of the College’s extraordinary collection of rare botanical books.

Materials List:

None.
BAC 20 113 – Color Mixing for Artists
Instructor: Susan Fisher

Susan Fisher teaches you how to mix the colors you want, not the ones you end up with through trial and error. Learn an easy system for combining colors consistently to achieve the broadest possible spectrum for any “wet” medium including watercolor, gouache, oils, acrylics, etc. Ideal for artists at all levels.

Materials List:

Coming soon.
BAC 20 149 – Developing Depth
Instructor: Elaine Searle

How often do we see technically brilliant botanical paintings with specimens arranged all on one plane? In their natural habitat, plants overlap and intermingle with others to create a backdrop against which to view the stars of the show. Elaine Searle will reveal her techniques for creating intrigue and drama with more complex layered compositions. Topics covered will include setting up clear focal points, using “atmospheric perspective” and when and how to let go of detail in some areas. You will work towards a small painting using these techniques. This course is ideal for advanced beginners or intermediate artists who wish to take their compositions to a new level.

Materials List:

Coming soon.
BAC 20 201/202 – Techniques of Botanical Drawing and Painting:

*Classes are designed for the more accomplished artist.*

**Instructor: Sarah Roche**

Through exercises and projects, work on your drawing and watercolor techniques in this class with Sarah Roche. Focus on achieving the accurate representation of botanical subjects through demonstrations, individual instruction, and close scrutiny of plant structure. For the fall, this class will concentrate on the essential skill of dry brush through exercises and mini projects. Work on mastering the depiction of textures and visual description of surfaces through a series of studies and small paintings so you gain confidence to add that final essential detail. This class will work on both paper and vellum. Topic for winter class: TBD.

**Materials List**

**Paper**

- Spiral bound watercolor pad – 9x12 or larger; Winsor and Newton Cotman or Canson or similar
- Spiral bound drawing pad – 9x12 or 10x14
- Tracing paper
- Sarah-supplied or own piece of animal skin vellum
- Hot pressed (HP) 140 lb stretched block–10x14 or 14x20; Les Arches or Lanaquarelle – for exercises; could be scraps or from a block
- Lined notebook
- Half-sheet foam core

**Drawing equipment:**

- Graphite pencils 2H, F, HB, B
- Staedler plastic eraser
- Exacto or retractable craft knife and blades
- Sandpaper block or emery boards

**Brushes**

- Two round brushes – size 6:
  - Rosemary & Co. brushes, Series 33, Size 6 (available for sale in WCBG Friends office)
  - or
  - Isabey 6227Z

- At least one size 4 – same series as above

- Detail brushes – available for sale at first class; $5 each
**Paint:**

*Winsor and Newton – Artist’s Quality Watercolor*
- Lemon Yellow (Nickel Titanate)
- New Gamboge
- Winsor Lemon
- Permanent Rose
- Scarlet Lake
- Permanent Alizarin Crimson
- Quinacridone Magenta
- Winsor Blue-Green Shade
- Viridian
- Paynes Gray

*Daniel Smith “Extra Fine Watercolors”*
- Burnt Sienna
- Raw Sienna
- Sap Green
- Ultramarine Blue

- 2 small glass water containers
- Palette or white china plate
- **Paper towel – Viva [WCBG Friends will NOT be supplying paper towels]; or white cotton rags**
- Magnifying glass
- Pinholder / frog / small vase / bottle or clamp for holding specimen
- Masking tape

**Websites**
- [www.aswexpress.com](http://www.aswexpress.com)
- [www.cheapjoes.com](http://www.cheapjoes.com)
- [www.dickblick.com](http://www.dickblick.com)
- [www.jerryarterama.com](http://www.jerryarterama.com)
- [www.rosemaryandco.com](http://www.rosemaryandco.com)

**Stores**
- The Art Experience, Avon
- Dick Blick, near Fenway Park, Boston
- Michaels (basic paper, paints)
BAC 20 231 – ON LOCATION: The Kampong

Instructor: Sarah Roche

Join Sarah Roche at the National Tropical Botanical Garden in Florida. Draw on the grounds of the stunning Kampong historic home and garden, where the climate of the southeast shore of Florida allows tropical species to flourish. Explore rudiments of form from live specimens as you work in graphite studies, then add color with watercolors. All abilities are welcome!

Materials List

Note: We will be working both outside and inside at The Kampong, National Tropical Botanical Garden. Please make sure you pack accordingly. You will need a sunhat, sunscreen, bug spray, water bottle, and portable sketching equipment as well as the supplies listed. Supplies are the same used in Sarah’s WCBG Friends’ classes, with the addition of the Field Sketching Watercolor book listed below. (Note: The ground at the gardens may be a bit uneven; please wear suitable shoes. Also, be prepared for temperatures from 50° to 80°.)

Paper

- Stillman & Birn Zeta Wirebound Sketchbook, Heavyweight 180lb, Natural White, 25 Sheets, 9x12; this is multi-purpose paper, any size 9x12 or larger is fine
  https://www.amazon.com/dp/B00BW5G03I/ref=cm_sw_r_cp_api_LCx.BbKGM3WZ3
- Tracing paper
- Either:
  - Fabriano Artisco Quarter sheet on Foam core support
    (this paper available at WCBG Friends’ office, $16 per 20x30” sheet AND we will bring some quarter sheets to The Kampong for $4 per quarter sheet)
  - or
    Pre-Stretched Block of Fabriano or Arches paper hotpressed at least 9"x12"

Drawing equipment

- Graphite pencils 2H, F, HB, B
- Erasers – plastic and putty
- Craft knife or GOOD pencil sharpener:
  http://www.dickblick.com/products/kum-long-point-pencil-sharpener/?clickTracking=true

Brushes

- Two round brushes – size 6:
  - Rosemary & Co. Series 33 brushes (avail at WCBG Friends’, $9 each; we will bring a few to Kampong)
  - or Isabey 6227Z (Kolinsky sable)
  - or equivalent
- One size 4 brush:
  - Rosemary & Co. Series 33 brushes (avail at WCBG Friends’, $7 each; we will bring a few to Kampong)
  - or Isabey 6227Z (Kolinsky sable)
  - or equivalent
- 1 miniature brush size 3 (optional), Winsor and Newton Series 7
Paint

Winsor and Newton – Artist’s Quality Watercolor; (NOTE: Do not purchase “Student Quality” paints)
- Lemon Yellow (Nickel Titanate)
- New Gamboge
- Winsor Lemon
- Permanent Rose
- Scarlet Lake
- Permanent Alizarin Crimson
- Quinacridone Magenta
- Winsor Blue-Green Shade

Daniel Smith “Extra Fine Watercolors”
- Burnt Sienna
- Raw Sienna
- Sap Green
- Ultramarine Blue

Other materials:
- Clear plastic water container
- White folding plastic palette
- Paper towel
- Magnifying glass
- Small clear ruler
- Masking tape
- Battery-operated lamp; could try Ott-Lite or Joby Gorillatorch
- OPTIONAL: Small sketch stool, if you can find a packable one (The Kampong does have folding chairs that can be taken into the gardens.)

Websites
www.aswexpress.com
www.cheapjoes.com
www.dickblick.com
www.jerryssarterama.com
www.rosemaryandco.com

Store
Dick Blick, near Fenway Park, Boston
BAC 20 235 – Drawing Succulents: Creating Plant Portraits in Graphite
Instructor: Carrie Megan

Through the observation of the unusual forms of various succulent species, Carrie Megan will help you discover the sculptural structure of these unique plants. Carrie’s demonstrations and practical techniques will guide you in using a range of graphite leads, from the hardest, 8H, to the softest, 2B, to create an artistic composition of your succulent specimen. The class is suitable for artists at intermediate and advanced skill levels.

Materials List

Coming soon.
BAC 20 236 – Graphite Mastery: Advanced Techniques  

Instructor: Susan Fisher  

The graphite pencil is a fundamental tool in botanical art. It is humble, overlooked and essential! There is a great deal to be gained by using this simple device with accuracy and finesse. Susan Fisher will help you explore familiar graphite skills – line, form, value, edges, and textures – to take each one beyond your current ability. Exercises in graphite application will focus on the subtle and more obvious methods of use for each of these critical elements. Develop the patience and appreciation for this enduring medium and improve all your botanical work. Suitable for intermediate to advanced artists.

Materials List

Coming soon.
BAC 20 243 – Capturing Nature in Sepia
Instructor: Carol Ann Morley

Capture the beauty of nature with the Crow-Quill pen and sepia ink with Carol Ann Morley. Bring to class favorite items from your own nature collection. Have fun seeing your drawing develop into a rich rendition of your subjects in lovely warm tones of brown. Dried leaves, pods, pine cones, feathers, rocks and more are all waiting to be depicted in an ink drawing. You will begin with a graphite tonal study, proceed to a pen and ink trial where you experiment with appropriate techniques for your subject, then ink your final drawing. Prior Crow-Quill pen and ink experience is required.

Materials List

Coming soon.
**BAC 20 250 – Fruits and Seeds - the Bounty of Autumn**

**Instructor: Lizzie Sanders**

Master dry brush technique by painting all things autumnal - from nuts and seeds to late berries, hips and haws, seed heads and crunchy leaves. **Lizzie Sanders** will show you how to make precise and sharp images using tiny brushes and almost no water. With guidance from Lizzie learn to create detail and textures. Over three days we will cover several different specimens as a study sheet or make one single painting. Emphasis will be on achieving accurate rendering of surface texture and color. Learn how to make the selected specimens look truly 3D on the page.

**Materials List**

- Watercolor paper – HP (smooth), any make you like, but bring several pieces at approx. 10” x 16” size.
- Tracing paper – a few sheets
- Pencils: 2H, H or HB. They can be pencils or leads for use in mechanical pencils.
- Sharpener (If using ‘real’ pencils, then a scalpel and blades for sharpening is needed.)
- Eraser – white plastic is best.
- Drawing board – to fit your paper.
- Method of holding paper to board i.e. clips, tape etc.
- Clear plastic ruler (12 inch)

**Brushes**
- Watercolor brushes – bring whatever you have. If buying specially for the class try Winsor and Newton Series 7 Miniature, sizes 1 and 2 or 3. These are the best small, fine brushes for dry brushwork.

**Paint**
- Watercolor paint, bring whatever you have. We can always share if need be.

Other items it would be useful but not essential to bring:
- Magnifying glass if usually used.
- Dividers or pair of compasses (simple ‘school’ type is fine - do NOT buy proper drawing instruments for this class).
- Cheap sketching paper (min size A3-11”x17”) – any old paper will do.