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 (18, 19, 20, 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 19 010 – 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
- Staedlhar 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 19 033 – The Tonal Value Scale: How to Use It Effectively
Instructor: Carol Ann Morley

Carol Ann Morley will reveal the many ways the tonal scale influences drawing, from clarity of details to creating depth. Explore a variety of tonal scales and pencil grades, and apply the values to cones, spheres, and cylinders. Familiarity with these basic forms which underlie the shapes of all natural subjects will help increase your drawing skills. For artists at all levels.

Materials List:

Coming soon.
BAC 19 065 – Pattern, Light and Form
Instructor: Helen Allen

Light plays an important part in defining form. In this class with Helen Allen, you will create the illusion of form, exploring patterned and textured forms following Helen’s simple mantra and process. You will draw and paint several botanical examples that illustrate how pattern, light and form may be applied to and enhance any botanical subject. Botanical subjects will be supplied, but you may also bring your own.

Materials List:

Coming soon.
BAC 19 101/102 – 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)  
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 19 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)
- Staedlar 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>Color</th>
<th>Light Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lemon Yellow (Nickel Titanate)</td>
<td></td>
</tr>
<tr>
<td>Winsor Lemon</td>
<td>Permanent Alizarin Crimson</td>
</tr>
<tr>
<td>Permanent Rose</td>
<td>Winsor Blue-Green Shade</td>
</tr>
<tr>
<td>New Gamboge</td>
<td>Scarlet Lake</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 19 103 / 203 – Festive Fruits: Fall Studio Focus
Instructor: Sarah Roche

Celebrate the changing seasons in this class with Sarah Roche. Taking your inspiration from seasonal fruit, capture their rich colors and textures in a watercolor image on paper or vellum which you could use on holiday cards. For both Foundations and Techniques levels.

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 19 122 – The Beauty of Graphite: Exploring Tonal Values
Instructor: Carol Ann Morley

Whether painting in color or drawing with graphite, tonal values underlie and communicate all structural form and depth. Under the guidance of Carol Ann Morley learn to utilize the tonal scale as a map to inform distinctive shapes, overlapping forms, and clarify the difference between pigment colors and tones of plant life. Working from various natural forms, you will assign a tonal scale to each subject of your still life composition, using overlays to analyze and build a graphite drawing full of contrast and expression. For artists at all levels.

Materials List

Coming soon.
BAC 19 201/202 – 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
- Staedlter 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)
  - 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 19 211 – New England Flora 2019  
Instructor: Ellen Duarte & Pam Harrington

Find a natural habitat close to your home and learn to identify flowers, ferns, shrubs, grasses and trees. Follow these plants through the growing season with the guidance of Ellen Duarte and Pam Harrington. Expand your botanical art and illustration skills through the close study of natural plant communities and seasonal changes. Between meetings, work independently to create accurate illustrations of your habitat. For intermediate to advanced artists.

Materials List

Coming soon.
BAC 19 213 – Scientific Botanical Illustration: Begonias
Instructor: Jeanne Kunze

Under the guidance of Jeanne Kunze, use traditional dip and technical pens to create weighted, broken, hatch, and crosshatch line work as well as stipple to illustrate live begonias. Jeanne will also show you how to use dried specimens for illustration. Dissecting microscopes and other magnification devices will aid you in accomplishing a precise and aesthetically pleasing illustration. Prerequisite: a Pen & Ink course.

Materials List

Coming soon.
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
- Strathmore 400 Field Sketch Watercolor book, 11 x 14
  https://store.academyart.edu/paper-board-films/sketch-books/400-series-field-sketch-watercolor-books.html
  or
- Tracing paper
- Either
  Fabriano Artistico Quarter sheet on Foam core support
  (this paper available for purchase at WCBG Friends’ office, 20x30” sheet AND we will bring some quarter sheets to Kampong for purchase)
  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; 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; 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)          Permanent Alizarin Crimson
New Gamboge                           Paynes Gray
Winsor Lemon                           Quinacridone Magenta
Scarlet Lake                          Winsor Blue (Green Shade)
Permanent Rose                         Optional:  Viridian

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

- 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
- 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.jerrysarterama.com
www.rosemaryandco.com

Store
Dick Blick, near Fenway Park, Boston
BAC 19 238 – Dried Leaves, Branches and Seedpods
Instructor: Carrie Megan

Make sure to collect your favorite specimens before snowfall to be the subjects of your winter composition of dried leaves, branches and/or seedpods. Carrie Megan will show you how to use a range of different density pencil leads from 8H – 2B to create compelling compositions or studies and to render finely detailed drawings in graphite. Intermediate/advanced skill level.

Materials List

Coming soon.
BAC 19 245 – Magnified Sections: Bringing Small Details to Life

Instructor: Helen Allen

Throughout history magnified sections have been included in botanical illustrations and paintings to explain parts of the plant that cannot easily been seen with the naked eye. Helen Allen will help you discover the inner workings of the flower, increasing the power of your description of plants in botanical painting. In preparation for this course, please make drawings of your chosen plant on tracing paper, ready to make a composition that will include the prepared magnifications.

Materials List

Coming soon.
BAC 19 250 – Farmer’s Market: Harvest on Vellum

Instructor: Shevaun Doherty

Irish artist Shevaun Doherty returns for a four-day workshop painting the harvest of pumpkins, gourds and squashes on vellum. We will be working on a selection of handpicked calfskin vellum from William Cowley’s, using the honey tones and veiny markings of the vellum to complement the rich colors and organic shapes of the harvest. Learn how to use the patterns and markings on the vellum to create your composition. We will go through the various watercolor techniques that are needed to paint on vellum – washes, drybrush and how to fix mistakes! We will explore form through the precise observation of light and shadow. Careful and accurate color mixing will be covered, focusing on capturing realistic surface textures. Whether you are new to vellum or have had previous experience, Shevaun’s friendly and informal approach to vellum painting will leave you feeling inspired and encouraged. For intermediate to advanced artists.

Recommended Materials List

I will have extra supplies of paper and paint with me, so don’t worry if you don’t have everything. The vellum is already at Wellesley College.

Pencils: 2H, H, B


Brushes: A brush with a good point on the tip is essential
Watercolour round brushes (sizes 0,2,4) Sable or synthetic
A flat/filbert brush is also recommended for flat washes and blending
A small flat stiff brush for lifting (acrylic size 0)

Paper (a couple of sheets of each) HP Watercolour paper for preparatory studies, Drawing Paper (smooth surface), Tracing paper
Board for taping the vellum down (foamboard will work)
Palette I like the fold-up plastic ones for travelling as they are lightweight and will keep the paints clean.
Magnifier Clip-on or hand held
Pounce pad you can make one by placing a spoonful of jewellers-grade pumice powder into the foot of a pair of tights and tying securely (keep in a container as it can be messy!)
Spray diffuser bottle (see image below)
Nail Manicure Buffing Block
Craft knife, lint-free cloths

<CONTINUED ON NEXT PAGE>
**Watercolour Paints** - The paints listed below are Artist Quality (pan or tubes). I use Winsor & Newton and Schmincke, but any good brand is acceptable. It isn’t necessary to buy all these paints as I will have extra paint with me but bring what you have. Colour charts would be useful too!

<table>
<thead>
<tr>
<th><strong>Yellow:</strong></th>
<th><strong>Green:</strong></th>
<th><strong>Blue:</strong></th>
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</thead>
<tbody>
<tr>
<td>Naples yellow</td>
<td>Transparent Yellow</td>
<td>*Manganese Hue</td>
</tr>
<tr>
<td>Lemon Yellow (Nickel Titanate)</td>
<td>Perylene Green</td>
<td>Indanthrene Blue</td>
</tr>
<tr>
<td>Winsor Lemon</td>
<td></td>
<td>Paynes Grey</td>
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<tr>
<td>Winsor Yellow</td>
<td></td>
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<tr>
<td>Indian Yellow</td>
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</tbody>
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<table>
<thead>
<tr>
<th><strong>Orange:</strong></th>
<th><strong>Red:</strong></th>
<th><strong>Purple:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Winsor Orange</td>
<td>Scarlet Lake</td>
<td>*W&amp;N Cobalt Violet OR</td>
</tr>
<tr>
<td>Winsor Orange-Red</td>
<td>Quinacridone Red</td>
<td>Schmincke Purple-Magenta</td>
</tr>
<tr>
<td></td>
<td>Permanent Rose</td>
<td>Quinacridone Violet</td>
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<tr>
<td></td>
<td>Quinacridone Magenta</td>
<td>Winsor Violet</td>
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<tr>
<td></td>
<td>Perylene Maroon</td>
<td>Perylene Violet</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Earth Colours</strong></th>
<th><strong>Optional:</strong></th>
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<tbody>
<tr>
<td>Raw Sienna</td>
<td>Designers White</td>
</tr>
<tr>
<td>Raw Umber</td>
<td>Gouache</td>
</tr>
<tr>
<td>Quinacridone Gold</td>
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</table>

Optional - Designers White Gouache