TEL ABEL BETH MAACAH ARCHAEOLOGICAL PROJECT, ISRAEL

Course ID: ARCH 350i
JUNE 23–JULY 19, 2019

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INTRODUCTION

As a city that guarded the northern approaches into ancient Israel, Tel Abel Beth Maacah has long been of interest to scholars. Moreover, the tell’s multi-layered character, hiding the secrets of past Bronze and Iron Age cultures, makes this site a potential source of new and rich information about the past. Throughout its long history, Abel Beth Maacah has sat in a border zone between various ethnic, cultural, and geopolitical groups. In the second millennium BCE, these included Canaanites, Hurrians, and Hittites. In the first millennium, they involved the polities of Israel, Phoenicia (Lebanon) and Aram (Syria). An imposing mound on a strategic crossroads just south of present-day Metulla on the border with Lebanon, the tell is roughly 4.5 mi/6 km west of Tel Dan, 18.5 mi/30 km north of Tel Hazor, 22 mi/35 km from Tyre on the Lebanese coast, and 43.5 mi/70 km from Damascus. The site appears in second millennium BCE Egyptian sources. During the first millennium BCE, it is mentioned in the Hebrew Bible as a city loyal to King David in the 10th century BCE, and was later conquered by the Arameans and
the Neo-Assyrians in the 9th and 8th centuries, respectively. 19th century scholars like Edward Robinson and Victor Guerin were the first to propose the identification of the Arab town of Abil el-Qameh with Abel Beth Maacah. The mound comprises a small lofty upper tell in the north and a large flat lower tell in the south.

A brief survey in 2012 followed by six seasons of excavations (2013–2018) have revealed rich remains from the Middle Bronze, Late Bronze and Iron Ages, as well as intermittent occupation later on. During Middle Bronze Age II and Iron Age I the entire site was densely occupied, while only parts of the mound appear to have been settled in the Late Bronze Age, Iron Age II, and later periods. Of particular interest for this project is the discovery of an intense Iron I and Iron IIA (1200-800 BCE) occupation sequence with strata containing significant finds. These include a cultic structure with standing stones from early Iron Age I, a unique and extensive administrative-cultic-industrial (metallurgical) complex of late Iron Age I, and a casemate structure that may have been part of a citadel on the upper mound from Iron IIA. These abundant finds shed new light on the social and political interaction between the Arameans, Israelites, and Phoenicians at a crucial period of time between the demise of the Late Bronze Age city-state system (dominated locally by Hazor) and the rise of the Iron Age II territorial kingdoms (particularly Aram and Israel) so well-documented in the Bible and in extra-biblical sources. A dearth of archaeological data from neighboring southern Lebanon and southern Syria during the Iron Age can now be illuminated by the discoveries from Tel Abel Beth Maacah.

During the 2019 season we will continue to expose Iron Age I and II remains in the upper and lower tell (Areas A and B). One key goal is to fine-tune the occupation sequence and its absolute chronology. We also want to better understand the nature and function of the Iron Age I public complex in Area A, whose unique architecture was violently destroyed during the 10th century BCE, as well as the Iron IIA architecture that covers this layer. More information is needed on the massive casemate structure in Area B whose finds included imported Phoenician Bichrome pottery, a faience figurine head of a bearded male executed in Syrian style, and evidence of metal-working and storage (stone-lined silos). An important goal in 2019 is to uncover evidence of the Late Bronze Age and specifically, the Late Bronze-Iron Age I transition, especially in our Area A. An additional goal will be to open a new area in the center of the lower tell in order to explore the occupation sequence in this still unexcavated part of the mound. Topographically, this area can potentially contain a gate complex with even the possibility of inscriptions.

### ACADEMIC CREDIT UNITS & TRANSCRIPTS

**Credit Units:** Attending students will be awarded 8 semester credit units (equivalent to 12 quarter credit units) through our academic partner, Connecticut College. Connecticut College is a private, highly ranked liberal arts institution with a deep commitment to undergraduate education. Students will receive a letter grade for attending this field school (see grading assessment and matrix). This field school provides a minimum of 160 direct instructional hours. Students are encouraged to discuss the transferability of credit units with faculty and registrars at their home institution prior to attending this field school.

**Transcripts:** An official copy of transcripts will be mailed to the permanent address listed by students on their online application. One more transcript may be sent to the student home institution at no cost. Additional transcripts may be ordered at any time through the National Student Clearinghouse: [http://bit.ly/2hvurkl](http://bit.ly/2hvurkl).

### COURSE OBJECTIVES
The primary objective of this field school is to introduce students to the archaeological process as widely practiced throughout the Middle East. This includes methods of excavation, analysis and interpretation of the stratigraphy, and recording methods. Every site presents its unique challenges, so students will learn how to adjust field strategies and make proper inferences from the material culture. Students will also have opportunities to learn in the evening lecture environment from well-respected archaeologists and specialists. In some case, students may be able to use primary material collected during the dig for their own academic goals and research.

Students will participate in the following research activities:

**Excavation**: Students will learn how to draw daily top plans, record the provenience of archaeological finds, fill out locus and wall forms, interpret stratigraphic relationships, carry out data entry, catalog artifacts, and draw stratigraphic sections.

**Laboratory activities**: At the kibbutz, students must participate in a variety of afternoon tasks, including regular pottery washing and sorting, data entry, the processing of faunal remains collected from the field, as well as collecting microarchaeological remains through wet sieving and flotation techniques.

**Field Trips**: The students will participate in two full-day field trips to sites of archaeological interest in the Galilee.

### DISCLAIMER – PLEASE READ CAREFULLY

Our primary concern is with education. Traveling and conducting field research involve risk. Students interested in participating in IFR programs must weigh whether the potential risk is worth the value of education provided. While risk is inherent in everything we do, we do not take risk lightly. The IFR engages in intensive review of each field school location prior to approval. Once a program is accepted, the IFR reviews each program annually to make sure it complies with all our standards and policies, including student safety.

We do our best to follow schedule and activities as outlined in this syllabus. Yet local permitting agencies, political, environmental, personal, or weather conditions may force changes. This syllabus, therefore, is only a general commitment. Students should allow flexibility and adaptability as research work is frequently subject to change.

Archaeological fieldwork involves physical work outdoors and conditions may be considerably different than what one is used to at home. Daily tasks will vary from lighter physical activity to more difficult duties like using a large pick and hoe, carrying buckets of earth, and pushing a wheelbarrow; however, we will take an individual’s limitations into account when possible. While the site is located in a lush environment in Upper Galilee, temperatures can reach 90°F (32°C) during the day. We work under tarps that shelters one from the direct sun, but it is still important to wear protective clothing that covers your shoulders and a hat. Sunscreen and sturdy, closed-toe footwear is required. No sandals are allowed on the site. You may encounter scorpions, spiders, and occasionally snakes in the excavation areas.

If you have any medical concerns, please consult with your doctor. For all other concerns, please consult with the project director.

### PREREQUISITES

There are no prerequisites for participation in the field school. The skills and methods of archaeological excavation will be learned first-hand by working in the field under a supervisor’s guidance and getting hands-on experience. It is important that the student has a positive attitude and intellectual curiosity about the experience, and is aware that it entails hard physical labor in a hot climate with an intense
time schedule, and requires both teamwork and personal responsibility. The work is hard and demanding, but the rewards are great.

LEARNING OUTCOMES

On successful completion of the field school, the student will be able to,

- Describe the various components of an archaeological field project and their proper relationship.
- Discuss the stratigraphy of the site and describe the relationship between layers and features.
- Apply proper excavation methods to archaeological contexts.
- Demonstrate how to use the proper tools appropriate to each context.
- Apply standard recording techniques to document excavation results.
- Process and analyze a selection of archaeological artifacts and ecofacts.

GRADING MATRIX

35% - **Fieldwork.** Students must carry out daily activities assigned to them by the area supervisor and will be assessed on this basis. They must also demonstrate an ability to correctly use the excavation tools, correctly articulate a cultural feature, trim balks, and dry-sift as necessary. The student must also demonstrate that they can measure the provenience of an artifact, plot its find location on the daily top plan, read and calculate heights using a surveying level, fill out pottery tags, etc.

30% - **Laboratory.** Students must participate in late afternoon activities back at the kibbutz, including washing and sorting pottery, data entry, wet-sieving for microarchaeological remains, etc.

20% - **Field Journal.** Students must keep their own field journal that will be evaluated at the end of the course. The journal must include a daily sketch of your individual work area and a summary of the day’s activities, including stratigraphic observations and a discussion of the significance of the finds as one learns more about them from the supervisors or directors. All journals will be returned to the students before departure.

15% - **Exam.** Students will take a mixed objective and short essay exam during the first week of the field school over the assigned reading. All mandatory reading must be finished before the dig begins.

TRAVEL & MEETING POINT

Hold purchasing your airline ticket until six (6) weeks prior to departure date. Natural disasters, political changes, weather conditions and a range of other factors may require the cancelation of a field school. The IFR typically takes a close look at local conditions 6-7 weeks prior to program beginning and make Go/No Go decisions by then. This time frame still allows the purchase of discounted airline tickets while protecting students from potential loss of airline ticket costs if we decide to cancel a program.

All planes to Israel land at Ben Gurion International Airport near Tel Aviv. Students are encouraged to arrive in Israel a few days early in order to sightsee in Jerusalem before the start of the dig. A private bus will take staff and students from the meeting point in Jerusalem directly to our lodging in **Kibbutz Kfar Szold,** at 13:00 on Sunday, June 23. We will provide instructions on how to get to the meeting point in Jerusalem, recommended places to stay, and a sample itinerary of activities.

If you arrive in Israel after the Jerusalem bus has left for the kibbutz, we will provide you with detailed travel instructions on how to take public transportation from the airport to the town of **Kiryat Shemonah.** When you arrive in Kiryat Shemonah, you will call or text a staff member who will pick you up at the bus station. The train or bus service in Israel is easily accessible and affordable. English is widely spoken and the chances are good that you will find French, German, Spanish, and Arabic speakers as well.
If you missed your connection or your flight is delayed, please call, text, or email a project director. A local emergency cell phone number will be provided to all students enrolled in the field school.

VISA REQUIREMENTS

U.S. citizens must have a valid passport whose expiration date is at least 3 months after the time you plan leave the country. U.S. and Canadian citizens receive a free tourist visa upon arrival that is valid for 3 months. While most participants are students in their home country, and you are coming to Israel as a student of the field school, it is strongly advised that you enter Israel as a tourist (B2 visa) and not as a student (B1 visa). The latter is harder to get, requires advance approval, and costs money. When you enter the country, do not declare that you are a student or that you are participating in the archaeological field school. Say that you are in Israel to tour and plan to visit various religious, historical and archaeological sites.

Citizens of other countries are asked to consult with the Israeli consulate in their region for specific visa requirements.

In 2015, Israeli officials started issuing tourist visas on a separate entry card that you insert into your passport, rather than as a stamp in the passport itself, which you then surrender to passport control upon leaving the country. It is very important that you keep this entry card with you at all times. We highly recommend bringing a paper clip to hold the entry card in your passport.

ACCOMMODATIONS

Students will live in comfortable and clean housing at Kibbutz Kfar Szold in the Hula Valley, a 15 minute ride from the tell and from the town of Kiryat Shemonah. Air-conditioned rooms accommodate three or four people and include an equipped kitchenette and a bathroom with a shower. Each room has a porch that opens to a communal lawn. Linens and towels are provided. Rooms are cleaned twice a week. Free Wi-Fi is available in the rooms. The kibbutz has a spring, a pool and a convenience store.

All meals are communal events and will provide plenty of nutritious food in the tradition of local Israeli cuisine, heavy on fresh fruits and vegetables, and may include hummus, tehina, falafel, and other local specialties, alongside the usual staples of chicken, meat, and fish. A rich breakfast buffet is served in the field during the week. Lunch and dinner take place in the kibbutz dining room. All meals on the weekend are in the kibbutz dining room. Bread, jam, and peanut butter are provided during the week to prepare an early-morning snack in your room. The food is kosher. We can accommodate vegetarian, gluten-free and vegan diets.

COURSE SCHEDULE

All IFR field schools begin with safety orientation. This orientation includes proper behavior at the field area, proper clothing, local cultural sensitivities and sensibilities, potential fauna and flora hazards, review of IFR harassment and discrimination policies, and review of the student Code of Conduct.

Students are expected to arrive at the kibbutz on Sunday, June 23, 2019, either independently or with the project’s bus from Jerusalem. There will be an orientation session after dinner, which includes a Hebrew University of Jerusalem mandated safety presentation. The excavations begin on Monday, June 24 and continue through July 18. During the week (Monday-Friday) we will be at the site from 5:00 until 13:00. In the afternoons, from 16:00 until 18:00, we will carry out the laboratory work. Mini-workshops on pottery identification and analysis, as well as other more specialized mini-workshops will take place in the afternoons. Evening lectures will take place 2-3 times per week at 18:00 before dinner in the air-conditioned dining room.
Weekends (Saturday-Sunday) are free to rest and relax. Weekend activities include swimming, kayaking on the Jordan River, and visits to nearby Tel Dan, Tel Hazor, and other sites of archaeological interest in the local region. The only scheduled weekend activities for students in the field school are two Sunday tours – one to sites around the Sea of Galilee (July 1) and the other to the Golan Heights (July 15).

**Weeks 1-3 (June 23-July 12, 2019):**

**Sunday**
- Students and staff arrive at Kibbutz Kfar Szold
- 17:30 – Preliminary introductions and orientation to the site
- 18:30 – Dinner in dining room
- 19:30 – Safety presentation and work assignments

**Mon-Fri**
- 4:15 – Rise-and-shine, eat light snack in rooms
- 4:45 – Bus departs for tell
- 5:15 – Work begins
- 7:15 – First break – teatime
- 9:00 – Group breakfast on site
- 9:30 – Work resumes
- 11:00 – Second break – juice/fruit break
- 12:45 – Work ends. Leave for bus and return to kibbutz
- 13:15 – Group lunch in kibbutz dining room
- 14:00 – Siesta (time to sleep, swim, relax, shop at the convenience store)
- 16:00 – Pottery washing, sorting, and workshop
- 18:00 – Lecture in dining room (2-3 times per week)
- 19:00 – Group dinner in dining room
- 20:00 – Dig office activities (rotating among students)
- 22:00 – Recommended bedtime

**Week 4 (July 15-19)**

*Schedule may vary slightly depending on the circumstances for final photos and closing of the site*

- 4:00 – Rise-and-shine, eat light snack in rooms
- 4:45 – Take bus to site
- 5:00 – Help with cleaning and preparing assigned areas for final photographs
- 7:00 – First break – teatime
- 9:00 – Breakfast on tel
- 10:00 – Return to work
- 11:00 – Second break – juice/fruit break
- 12:00 – Begin cleanup
- 12:30 – Put away tools
- 12:45 – Leave for bus and return to kibbutz
- 13:30 – Lunch in dining room
- 16:00 – Help package finds for return to Jerusalem
- 19:00 – Dinner in dining room
- 20:00 – Rotating office activities
- 22:00 – Bedtime

**Departure day (July 19)**

- 08:00 – Breakfast
- 10:00 – Must vacate rooms
Rooms must be vacated by 10:00 am on Friday, July 19 so plan your return flight accordingly. One can go to Jerusalem and spend more time before returning to the airport, or take public transportation to the airport. Busses and trains run on Friday until mid-afternoon. Allow 4-5 hours travel. We recommend an evening flight on July 19 or an early morning flight on July 20.

Lecture series

Topics to be covered include:

- An introduction to archaeological field methods
- Humans in the Hula Valley: the first million years
- Six season of excavation at Abel Beth Maacah
- Between Phoenicians, Arameans and Israelites
- A condensed guide to the pottery of the Holy Land
- Archaeozoology, archaeometallurgy, archaeobotany
- Interaction between the space and the text – Bible and archaeology
- Radiocarbon dating methods and their application to Iron Age archaeology
- Survey methodology and review of survey data in the Hula Valley

EQUIPMENT LIST

What to bring (a must):

- **Work clothing.** Work clothes should be sturdy, light in weight and color, and easy to wash. Since the sun is intense you may need to vary sleeve and pant lengths until you get into condition. Remember that loose clothing is more comfortable than close fitting, and that synthetic fibers tend to be hot. We do not permit excavating without a shirt for men or in a bathing suit for women. Even though we work under shade cloths, sun rays still penetrate and can badly burn exposed skin, so a high SPF sunscreen (50+) is a must. A good lightweight pair of work gloves will protect your hands. We recommend garden gloves with a coating of nitrile (a rubber-like film) on the palms and fingers.

- **Work shoes.** Sturdy and comfortable shoes are a must. The soles must be thick enough to provide protection from the rocks and an occasional curious scorpion. We discourage sneakers. Sandals are not allowed in the field – only closed shoes!

- **Sun hat.** A broad brim hat made from light breathable cotton is best.

- **Casual clothing.** For after work and on weekends. Dress in Israel tends to be informal. Don't forget your swim suit! A shawl or wrap-around skirt for women is advisable for visits to holy places in Jerusalem and at church sites around the Sea of Galilee.

- **Canteen.** Although we provide you with cold water in the field, you cannot drink from the common tank. Each person must fill their own canteen or water bottle with the cold water we provide. You will also find it useful for field trips and on weekends. An insulated water bottle holder is a good idea as well.

Highly Recommended:

- Toiletry items
- Medicine, prescription and other
- Sunglasses
- Swim suit
- Towel and flip-flops (though towels are provided at the kibbutz)
- Sunscreen of SPF50 or higher
- Insect repellent
- Clothesline and clothes pins
- Liquid detergent in a plastic bottle (Handwashing soap for clothes available in the kibbutz store)
- Flashlight
- Alarm Clock
- Reading material
- Modest clothing (a wrap skirt and shawl for women and long pants for men) for day trips to churches, synagogues, mosques which require modest dress to enter them.
- Camera
- Personal computer/tablet. Free Wi-Fi is available on the kibbutz and also available – also free – at many coffee shops and public places; even on most buses and the train.
- Tools. Archaeological handpicks and trowels are on site, so there is no requirement to buy your own; however, avid archaeology students often like to come with their own “dig kits”. A good resource is Forestry Suppliers at 1-800-647-5368 or http://www.forestry-suppliers.com. For Marshalltown pointed trowels, No. 45/4 is the best size; a “4 inch” blade. They can be bought in a few hardware stores, but they are harder to get these days. Avoid the cheap off-brands. A 45/4 pointing trowel (Stock number 53685 with a 4 x 2” blade) sells for around $15. The 45/5 with a 5” blade is also good, but not as efficient as the shorter blades. You can also buy the high quality Ingalls Co. archaeological handpicks through Forestry Suppliers for $60 (Stock number 33454). We recommend the “Detailer” or slightly wider “Surveyor” models. Mark your personal trowel or handpick with your name, initials, or some other identifier so you can easily find it in the dirt or if it gets accidentally picked up by someone else.

MANDATORY READINGS

Students are required to read at least 200 pages prior to their arrival. The following will be available for download on the IFR and the Abel Beth Maacah websites one month in advance of the field school program.

- Arie, E. 2008. Reconsidering the Iron Age II Strata at Tel Dan: Archaeological and Historical Implications. Tel Aviv 35: 6–64.
- Mullins, R. A. A Brief Introduction to Field Archaeology. Abel Beth Maacah Archaeological Project.

RECOMMENDED READINGS